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Arizona Traffic Accident Summary

1983

Arizona Department of Transportation

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Assistant Director of ADOT, Highways Division
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The 1983 ARIZONA TRAFFIC ACCIDENT SUMMARY is based on all traffic accident reports submitted to the Arizona Department of Transportation.

The SUMMARY is prepared annually by the Traffic Engineering Section of ADOT, with cooperation and assistance from Public Information Office, Forms Management, and Governor's Office of Highway Safety.

Specific questions regarding data presented in the report should be addressed to Safety Projects Services at 255-7724.

A Message from
William A. Ordway, Director
Arizona Department of Transportation

A bright spot in the 1983 traffic accident statistics in Arizona was that fatalities decreased to 675, the lowest total since 1975.

Other factors showed some decrease in total numbers, but their effect on the overall picture remained basically unchanged. For instance, alcohol involvement was down 5% from the previous year, but drinking was involved in 34% of all fatalities.

Total accidents were up 12%. Part of the increase was due to improved reporting by local jurisdictions. Also, travel statewide was up an estimated 8% because as the nation's economic outlook grew brighter, mobility increased. The vacation that was put off in the past was now affordable to more families and a weekend drive to the mountains or the lakes did not put as much of a strain on the budget as in the past. The increased exposure resulted in more accidents.

To help curb fatalities and injuries even more, the state Legislature and Congress have passed laws that affect our driving style. Some may seem inconvenient or restrictive, but citizens would help themselves by adapting to change. Arizona's Child Restraint Law became a citable violation on July 1, 1984. For the past year, only a warning was issued. Hopefully a new generation of safety conscious citizens will grow up with the idea that restraints aren't necessarily restraining.

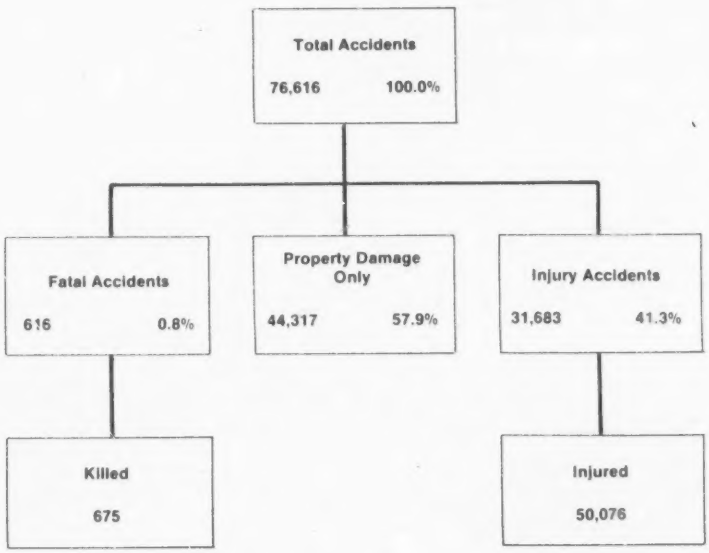
In January of 1985, the legal drinking age will start progressing to the 21-year minimum. The problem of young adult drinking and driving may never be eliminated, but all possible deterrents must be explored.

The summary of statistics contained in this annual booklet is helpful in analyzing where the professionals can best target their safety education efforts in the days ahead — but also it carries a powerful message to everyone who gets behind the wheel. Safety, after all, is everyone's business.

Bill Ordway

William A. Ordway, Director
Arizona Department of Transportation

Highlights and Historical Trends



Arizona Accident Facts — 1983

	1982	1983	Percent Change
Reported Accidents	68,306	76,616	+12.2
Total Killed	724	675	-6.8
Total Injured	45,778	50,076	+9.4
Pedestrians Killed	138	121	-12.3
Pedestrians Injured	1,138	1,321	+16.1
Motorcyclists Killed	88	103	+17.1
Motorcyclists Injured	4,067	3,882	-4.6
Bicyclists Killed	28	13	-53.6
Bicyclists Injured	1,291	1,473	+14.1
Millions of Vehicle Miles Traveled	23,663	25,561	+8.0
Deaths Per 100 Million Vehicle Miles Traveled	3.06	2.64	-13.7
Injuries Per 100 Million Vehicle Miles Traveled	193.5	195.9	+1.2

In 1983 —

1.8 persons were killed every day (one every 13.3 hours)
137.2 persons were injured every day (one every 10.5 minutes)

One licensed driver out of every 16.1 was involved in an accident
One vehicle out of every 15.9 was involved in an accident

62% of drivers in all accidents were male
76% of drivers in fatal accidents were male

13% of all accidents involved alcohol
33% of fatal accidents involved alcohol

67% of all accidents happened during daylight hours
52% of fatal accidents happened during darkness

38% of fatal accidents happened on non-holiday weekends from 6 p.m. Friday to midnight Sunday
Most dangerous day: Friday with 18.2% of all accidents

78% of all accidents happened in urban areas of the state
43% of fatal accidents happened in urban areas of the state

There were 75 days when no fatal accidents occured

Arizona Economic Loss by County for 1983*

COUNTIES	Persons Killed		Persons Injured		Property Damage Accidents		Economic Loss $ Total
	No.	$ Loss	No.	$ Loss	No.	$ Loss	
Apache	28	5,600,000	384	3,072,000	402	438,180	9,110,180
Cochise	27	5,400,000	676	5,408,000	967	1,054,030	11,862,030
Coconino	46	9,200,000	1412	11,296,000	1,947	2,122,230	22,618,230
Gila	18	3,600,000	495	3,960,000	438	477,420	8,037,420
Graham	6	1,200,000	179	1,432,000	102	111,180	2,743,180
Greenlee	0	—	109	872,000	91	99,190	971,190
La Paz	17	3,400,000	233	1,864,000	194	211,460	5,475,460
Maricopa	271	54,200,000	32,421	259,368,000	25,835	28,160,150	341,728,150
Mohave	42	8,400,000	939	7,512,000	731	796,790	16,708,790
Navajo	21	4,200,000	487	3,896,000	570	621,300	8,717,300
Pima	119	23,800,000	9,295	74,360,000	9,877	10,765,930	108,925,930
Pinal	28	5,600,000	1,018	8,144,000	932	1,015,880	14,759,880
Santa Cruz	7	1,400,000	244	1,952,000	164	178,760	3,530,760
Yavapai	27	5,400,000	1,139	9,112,000	852	928,680	15,440,680
Yuma	18	3,600,000	1,045	8,360,000	1,215	1,324,350	13,284,350
Total	**675**	**$135,000,000**	**50,076**	**$400,608,000**	**44,317**	**$48,305,530**	**$583,913,530**

Economic Loss From Traffic Accidents in Arizona *(Based on estimates developed by the National Safety Council:)

1. Fatality $200,000
2. Injury $8,000
3. Property Damage (Only) Accident $1,090

- *Annual economic loss to every man, woman and child in Arizona was $196.*

Deaths and Injuries by Age and Sex

AGE	PERSONS KILLED			PERSONS INJURED			
	Total	Male	Female	Total	Male	Female	Sex Not Stated
0-4	6	4	2	1,434	738	694	2
5-9	15	7	8	1,520	801	714	5
10-14	19	16	3	2,026	1,050	974	2
15-19	94	64	30	7,936	4,415	3,519	2
20-24	106	80	26	9,291	5,430	3,857	4
25-34	152	118	34	11,177	6,276	4,897	4
35-44	79	57	22	5,874	3,002	2,870	2
45-54	54	35	19	3,576	1,727	1,849	0
55-64	46	29	17	3,224	1,497	1,726	1
65-74	51	32	19	2,289	1,011	1,277	1
75 & Over	41	29	12	1,236	549	687	0
Age Not Stated	12	9	3	493	308	164	21
Totals	**675**	**480**	**195**	**50,076**	**26,804**	**23,228**	**44**

Arizona Highway Accident Statistics By Year

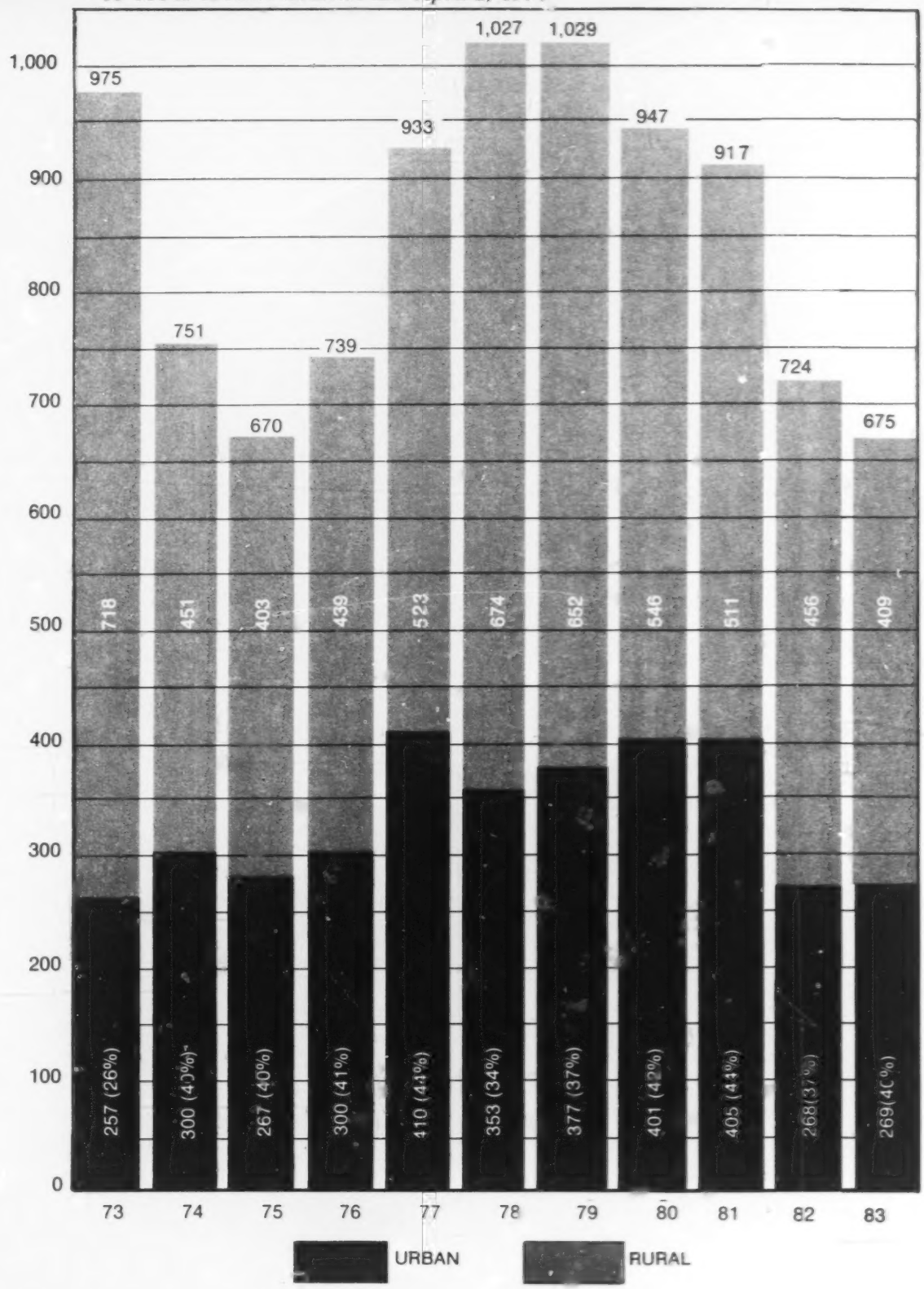
1930 - 1983

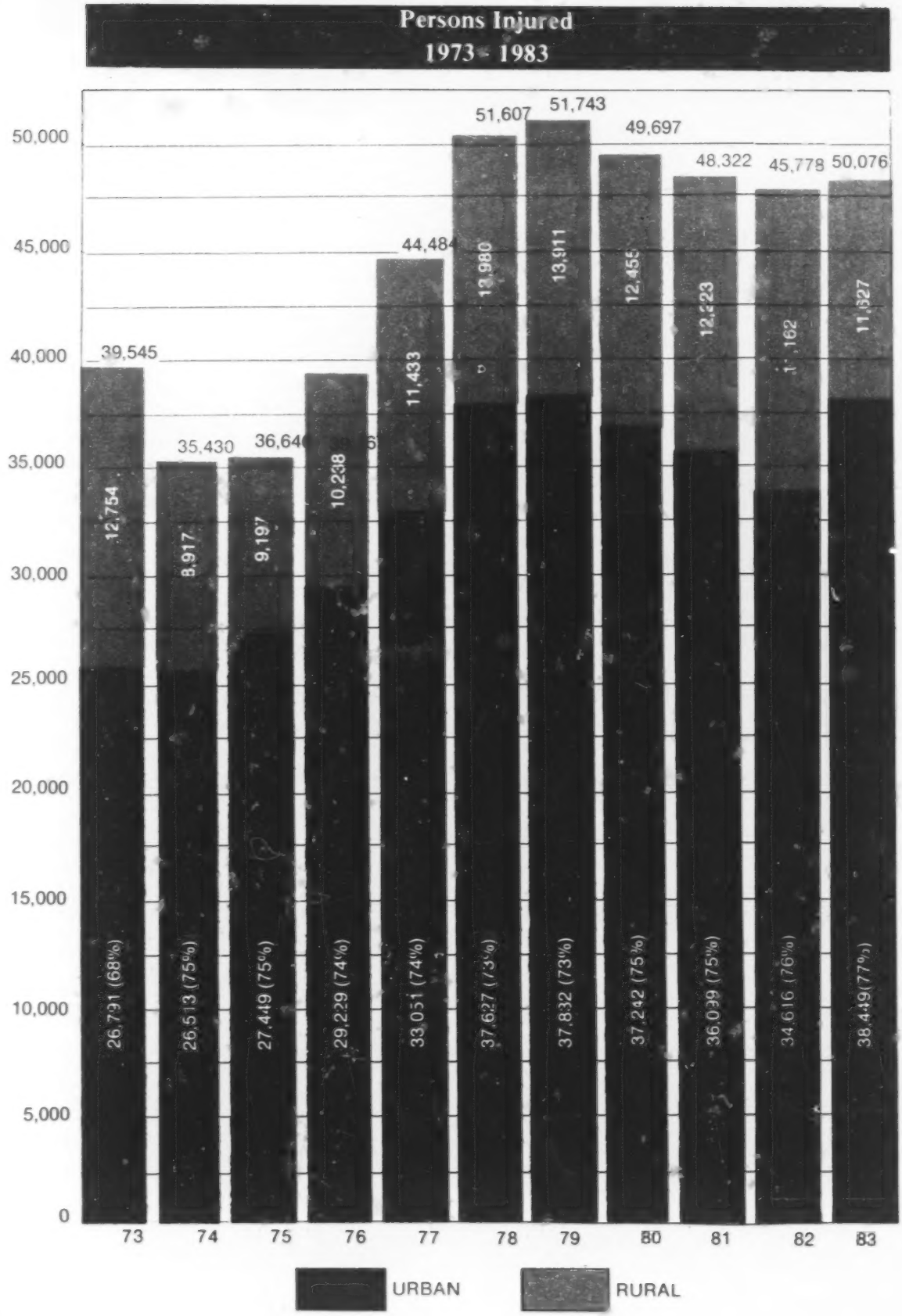
Calendar Year	Motor Vehicle Registration	Motor Vehicle Mileage	Traffic Deaths	Traffic Injuries	Estimated Arizona Fatality Rate/Per 100,000,000 Vehicle Miles	Estimated U.S. Fatality Rate/Per 100,000,000 Vehicle Miles
1930	110,915	867,750,000	190	NA	21.90	15.60
1931	105,398	846,794,000	159	NA	18.78	15.60
1932	95,256	773,587,000	166	1,048	21.46	15.60
1933	91,418	726,390,000	154	1,017	21.23	15.60
1934	98,730	836,288,000	205	1,479	24.54	16.75
1935	105,610	930,758,000	217	1,905	23.31	15.91
1936	117,467	1,092,722,000	244	2,506	22.31	15.11
1937	131,867	1,185,083,000	258	2,966	21.77	14.68
1938	131,774	1,157,144,000	200	2,583	17.28	12.02
1939	134,303	1,216,650,000	215	2,718	17.67	11.35
1940	141,788	1,308,550,000	228	2,800	17.42	11.42
1941	147,835	1,518,067,000	272	3,622	17.92	11.99
1942	144,088	1,516,774,000	230	2,125	15.15	10.60
1943	139,361	1,193,715,000	168	1,720	14.07	11.52
1944	140,213	1,264,237,000	180	1,822	14.24	11.48
1945	146,436	1,573,475,000	283	2,540	17.98	11.28
1946	163,623	2,275,352,000	236	2,824	10.36	9.81
1947	191,612	2,389,247,000	256	2,824	10.75	8.82
1948	217,916	2,560,503,000	301	2,925	11.70	8.11
1949	242,074	2,852,937,000	281	3,195	10.51	7.47
1950	271,803	2,944,000,000	325	4,135	10.73	7.59
1951	294,319	3,356,160,000	415	3,638	12.30	7.53
1952	330,625	3,846,677,000	396	5,922	10.30	7.36
1953	359,984	4,034,830,000	397	6,402	9.84	6.97
1954	380,192	4,094,098,000	402	6,035	9.82	6.34
1955	415,655	4,414,561,000	358	6,824	8.11	6.37
1956	452,144	5,043,005,000	483	7,572	9.64	6.31
1957	491,625	5,241,423,000	464	8,231	8.80	5.98
1958	526,460	5,615,127,000	509	9,776	9.01	5.56
1959	584,374	6,300,000,000	517	10,820	8.20	5.41
1960	630,016	6,535,862,000	513	13,360	7.85	5.31
1961	671,186	6,813,000,000	510	15,254	7.48	5.16
1962	709,707	7,286,795,605	510	16,958	6.99	5.32
1963	747,189	7,680,366,968	513	18,169	6.67	5.41
1964	789,113	8,089,299,842	588	20,229	7.26	5.63
1965	857,934	8,339,000,000	550	21,279	6.59	5.54
1966	903,945	8,861,000,000	643	23,231	7.25	5.67
1967	938,952	9,215,000,000	574	24,581	6.22	5.50
1968	1,001,823	10,042,171,466	695	28,080	6.92	5.50
1969	1,046,766	11,505,246,321	750	30,749	6.51	5.30
1970	1,122,113	12,122,437,566	762	32,230	6.28	4.91
1971	1,221,838	13,235,451,395	755	34,174	5.70	4.70
1972	1,344,779	14,795,985,059	812	37,525	5.49	4.50
1973	1,470,700	16,219,000,000	975	39,566	6.01	4.20
1974	1,531,955	15,724,551,816	751	35,430	4.78	3.63
1975	1,514,846	16,031,406,497	670	36,646	4.18	3.46
1976	1,536,835	16,895,449,043	739	39,467	4.37	3.44
1977	1,615,727	18,121,403,496	933	44,484	5.15	3.35
1978	1,728,190	19,277,000,000	1027	51,607	5.33	3.41
1979	2,004,796	21,500,000,000	1029	51,743	4.79	3.46
1980	2,085,311	21,965,000,000	947	49,697	4.31	3.46
1981	2,183,354	22,920,000,000	917	48,322	4.00	3.27
1982	2,228,643	23,663,000,000	724	45,778	3.06	2.93
1983	2,262,782	25,561,000,000	675	50,076	2.64	2.73

*Figures since 1968 show motor propelled units only

Persons Killed
1973 - 1983

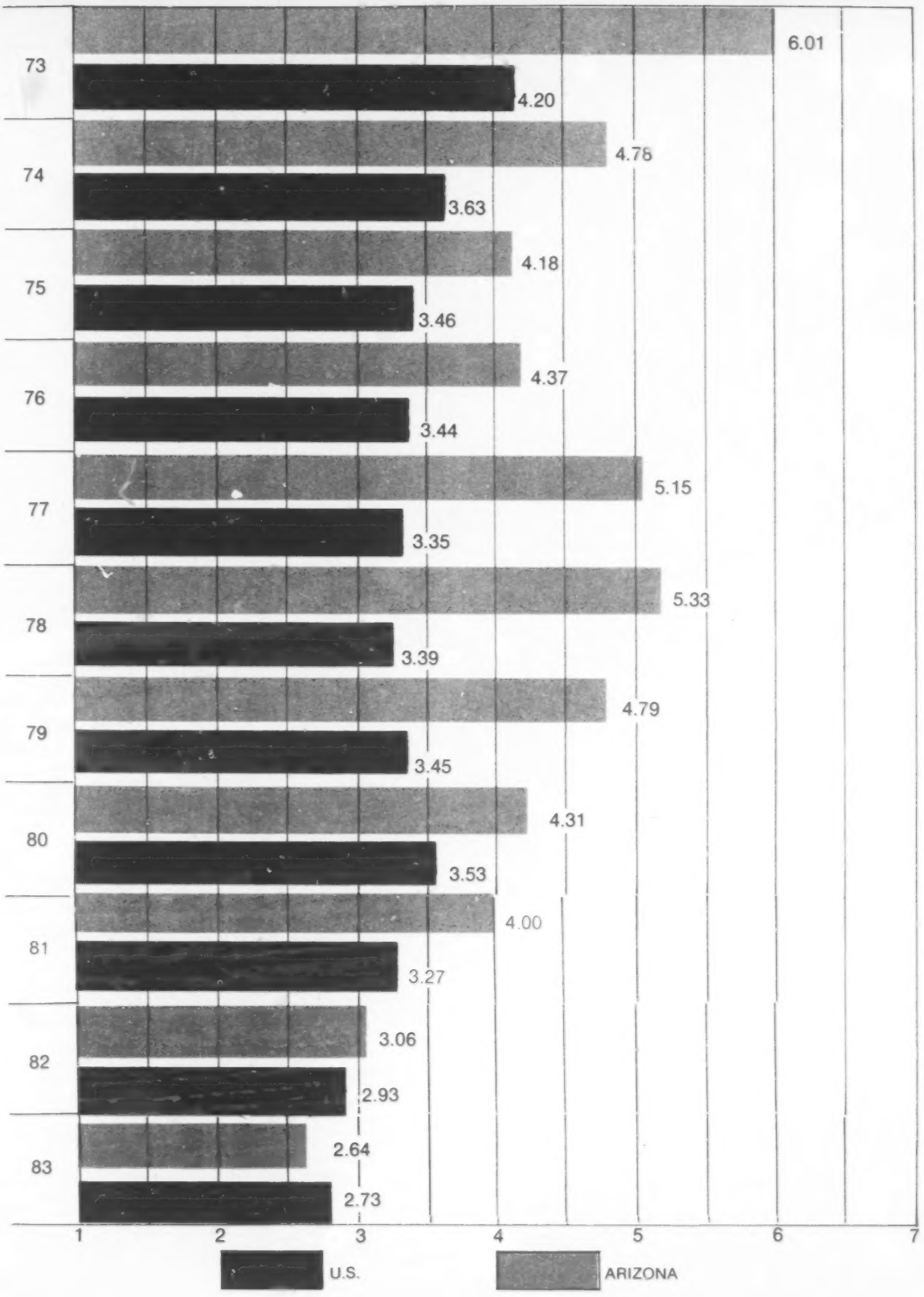
• *55 MPH became Arizona law April 2, 1974*




Persons Injured
1973 - 1983
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
39,545
35,430
36,64
44,484
51,607
51,743
49,697
48,322
45,778
50,076
12,754
8,917
9,197
10,238
11,433
13,980
13,911
12,455
12,223
11,162
11,627
26,791 (68%)
26,513 (75%)
27,449 (75%)
29,229 (74%)
33,051 (74%)
37,627 (73%)
37,832 (73%)
37,242 (75%)
36,039 (75%)
34,616 (76%)
38,449(77%)
73
74
75
76
77
78
79
80
81
82
83
URBAN
RURAL

Arizona vs U.S. Fatality Rate,

(Fatalities/100,000,000 Vehicle Miles)



Holiday Traffic Fatalities

Of the six major holidays celebrated each year, three fall on specific days of the week — Memorial Day, Labor Day, and Thanksgiving. They are regarded as three or four-day holidays, as the weekend is also included.

The other three holidays are celebrated on specific dates, and depending on what day of the week the date falls, the holiday period will vary from one to four days. If one of the "floating" holidays falls on Wednesday, it is a one-day holiday, otherwise the holiday period also includes the preceding or following weekend.

The counting of holiday fatalities starts at 6 p.m. on the last working day before the holiday and continues until midnight of the last day of the holiday period. For instance, Thanksgiving fatalities are counted from 6 p.m. Wednesday to midnight on Sunday.

HOLIDAY	1983 Dates		Number of Days	People Killed
	Begin 6 p.m.	End Midnight	1983	1983
New Years	Firday Dec.30, 1982	Monday Jan. 2, 1983	3	5
Memorial Day	Friday May 27, 1983	Monday May 30, 1983	3	7
July 4th	Friday July 1, 1983	Monday July 4, 1983	3	12
Labor Day	Friday Sept. 2, 1983	Monday Sept. 5, 1983	3	18
Thanksgiving	Wednesday Nov. 23, 1983	Sunday Nov 27, 1983	4	15
Christmas	Friday Dec 23, 1983	Monday Dec. 26, 1983	3	5

- *These six holiday weekends accounted for 9.2% of all 1983 traffic deaths.*
- *New Years and Christmas were the safest 3 day holiday weekends since Christmas of 1976.*

Holiday Traffic

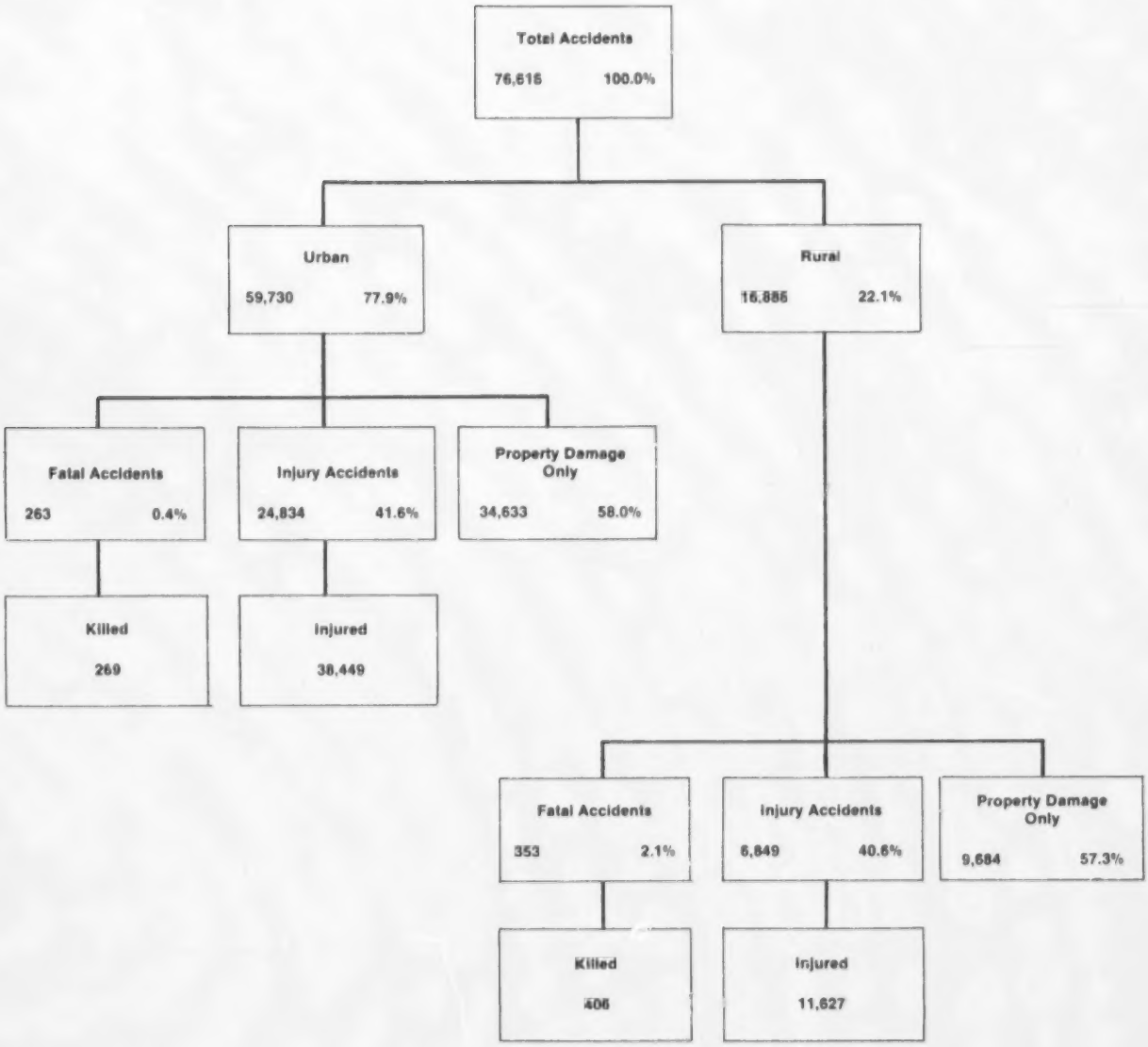
Fatal Accidents and Fatalities

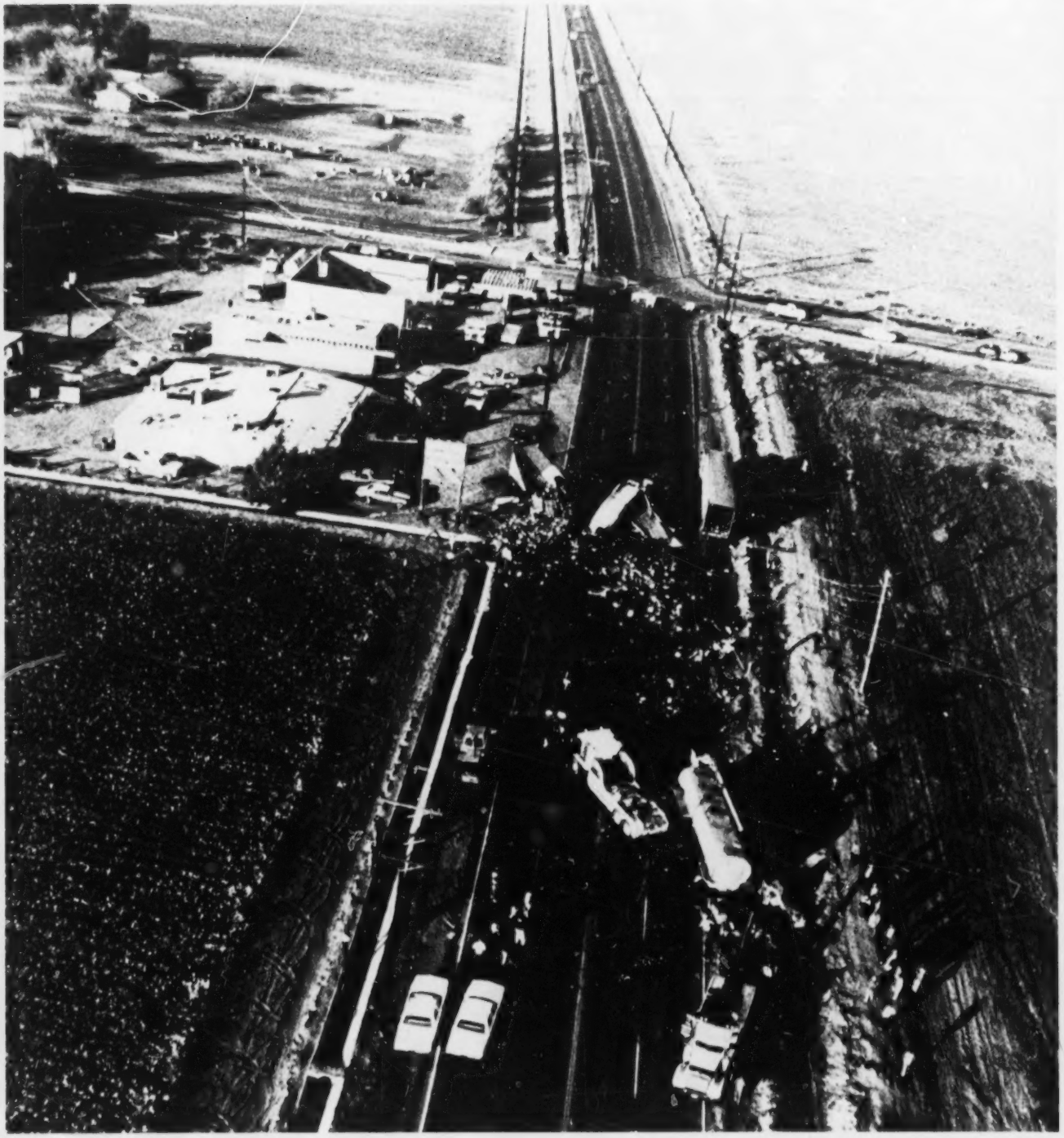
1973 - 1983

YEAR	New Year's		Memorial Day		4th of July		Labor Day		Thanksgiving		Christmas	
	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.	People Killed	Fatal Acc.
1973	(3) 8	8	(3) 12	12	(1) 7	6	(3) 10	10	(4) 16	14	(4) 7	6
1974	(4) 6	5	(3) 10	6	(4) 8	8	(3) 15	11	(4) 9	8	(1) 4	4
1975	(1) 4	4	(3) 7	7	(3) 14	13	(3) 8	6	(4) 12	12	(4) 7	7
1976	(4) 14	11	(3) 10	8	(3) 16	13	(3) 8	7	(4) 6	5	(3) 5	5
1977	(3) 9	7	(3) 14	11	(3) 12	12	(3) 17	15	(4) 11	10	(3) 18	15
1978	(3) 9	9	(3) 21	20	(4) 22	19	(3) 19	15	(3) 15	12	(3) 15	13
1979	(3) 9	9	(3) 15	9	(1) 1	1	(3) 16	12	(4) 8	8	(4) 15	14
1980	(4) 17	14	(3) 9	8	(3) 11	7	(3) 12	11	(4) 13	10	(4) 20	17
1981	(4) 21	18	(3) 10	10	(3) 19	17	(3) 8	8	(4) 13	13	(3) 11	11
1982	(3) 8	8	(3) 11	9	(3) 14	11	(3) 9	7	(4) 8	7	(3) 10	8
1983	(3) 5	5	(3) 7	6	(3) 12	9	(3) 18	14	(4) 15	10	(3) 5	5

*Note: Numbers in parenthesis indicate time-span in days as established by the National Safety Council.

Geographic Location





Accidents, Deaths, and Injuries by Cities and Towns

(As Reported to Arizona Department of Transportation)

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
Apache	Eager	24	0	10	14	0	14	1	0	0
	St. Johns	3	0	3	0	0	3	0	0	0
	Springerville	4	0	0	4	0	0	0	0	0
	State Rural Roads	459	16	157	286	20	265	73	12	85
	County Roads	156	8	50	98	8	102	39	3	37
	Total	**646**	**24**	**220**	**402**	**28**	**384**	**113**	**15**	**122**
Cochise	Benson	5	0	1	4	0	1	2	0	0
	Bisbee	152	1	25	126	1	33	12	1	6
	Douglas	212	1	51	160	1	70	15	0	9
	Huachuca City	7	0	6	1	0	8	2	0	3
	Sierra Vista	448	1	124	323	1	196	46	0	35
	Tombstone	24	0	6	18	0	7	4	0	1
	Willcox	39	0	9	30	0	13	1	0	2
	State Rural Roads	375	15	145	215	16	269	53	5	48
	County Roads	141	7	44	90	8	79	36	5	32
	Total	**1,403**	**25**	**411**	**967**	**27**	**676**	**171**	**11**	**136**
Coconino	Flagstaff	1,349	4	324	1,021	4	472	136	3	79
	Fredonia	9	0	3	6	0	4	2	0	0
	Page	41	0	9	31	0	12	5	0	0
	Sedona	2	0	1	1	0	1	2	0	1
	Williams	56	0	14	42	0	20	2	0	1
	State Rural Roads	1,080	24	402	654	34	739	106	8	124
	County Roads	297	7	99	191	8	164	42	3	43
	Total	**2,834**	**35**	**852**	**1,947**	**46**	**1,412**	**295**	**14**	**248**
Gila	Globe	132	0	43	89	0	62	20	0	14
	Hayden	10	0	5	5	0	11	2	0	4
	Miami	7	0	2	5	0	3	0	0	0
	Payson	32	1	14	17	1	27	6	0	11
	Winkleman	2	0	0	2	0	0	0	0	0
	Young	1	0	0	1	0	0	0	0	0
	State Rural Roads	468	11	202	255	12	334	86	5	103
	County Roads	109	3	42	64	5	58	8	0	4
	Totals	**761**	**15**	**308**	**438**	**18**	**495**	**122**	**5**	**136**
Graham	Pima	4	1	2	1	1	6	1	0	3
	Safford	46	2	25	19	2	41	9	1	10
	Thatcher	25	0	12	13	0	22	4	0	9
	State Rural Roads	95	3	43	49	3	71	23	0	30
	County Roads	45	0	25	20	0	39	7	0	8
	Total	**215**	**6**	**107**	**102**	**6**	**179**	**44**	**1**	**60**
Greenlee	Clifton	43	0	10	33	0	14	10	0	2
	Duncan	3	0	2	1	0	5	1	0	0
	Morenci	4	0	1	3	0	1	0	0	0
	State Rural Roads	72	0	36	36	0	66	14	0	12
	County Roads	32	0	14	18	0	23	2	0	0
	Total	**154**	**0**	**63**	**91**	**0**	**109**	**27**	**0**	**14**

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
La Paz	Parker	68	3	20	45	3	29	14	2	10
	Colorado River Reservation	10	0	4	6	0	7	5	0	3
	State Rural Roads	249	12	106	131	12	178	40	5	34
	County Roads	21	2	8	11	2	19	5	1	2
	Total	**348**	**17**	**138**	**193**	**17**	**233**	**64**	**8**	**49**
Maricopa	Avondale	48	1	15	32	1	20	9	1	7
	Buckeye	63	0	14	49	0	17	11	0	6
	Chandler	805	5	264	536	6	414	111	3	83
	El Mirage	26	1	10	15	1	17	3	0	1
	Gila Bend	12	0	5	7	0	5	2	0	1
	Gilbert	63	0	29	34	0	47	10	0	8
	Glendale	1,827	8	949	870	8	1,534	253	2	263
	Goodyear	29	1	13	15	1	21	2	0	1
	Guadalupe	2	0	0	2	0	0	1	0	0
	Mesa	3,227	17	1,632	1,578	17	2,588	398	7	390
	Paradise Valley	216	1	105	110	1	177	30	1	35
	Peoria	291	0	91	200	0	141	34	0	33
	Phoenix	27,803	117	12,525	15,161	117	19,730	3,251	37	2,882
	Scottsdale	2,656	9	1,116	1,531	9	1,633	285	4	252
	Sun City	7	0	5	2	0	8	0	0	0
	Surprise	2	0	0	2	0	0	1	0	0
	Tempe	5,063	14	1,778	3,271	14	2,567	442	6	381
	Tolleson	1	1	0	0	1	0	1	1	0
	Wickenburg	55	1	15	39	1	22	5	0	2
	Youngtown	7	1	1	5	1	1	1	0	1
	State Rural Roads	1,376	35	574	767	38	1,045	204	10	229
	County Roads	3,148	49	1,489	1,610	55	2,434	461	23	533
	Total	**46,727**	**261**	**20,630**	**25,836**	**271**	**32,421**	**5,515**	**95**	**5,108**
Mohave	Bullhead City	4	0	1	3	0	1	0	0	0
	Kingman	117	1	71	45	1	116	13	0	11
	Lake Havasu City	208	3	88	117	3	127	0	0	0
	State Rural Roads	695	22	284	389	27	502	122	3	142
	County Roads	298	11	110	177	11	193	71	5	79
	Total	**1,322**	**37**	**554**	**731**	**42**	**939**	**206**	**8**	**232**
Navajo	Holbrook	75	1	12	62	1	16	6	1	0
	Show Low	64	1	28	35	1	48	6	0	10
	Snowflake	11	0	5	6	0	7	1	0	1
	Taylor	3	0	2	1	0	2	0	0	0
	Winslow	136	2	35	99	2	44	26	1	11
	State Rural Roads	470	10	168	292	11	318	59	7	59
	County Roads	111	5	31	75	6	52	13	3	10
	Total	**870**	**19**	**281**	**570**	**21**	**487**	**111**	**12**	**91**

Accidents, Deaths, and Injuries by Cities and Towns

Counties	Cities	Number of Accidents				Number of Persons		Alcohol Related		
		Total	Fatal	Injury	Property Damage	Total Killed	Total Injured	Total Acc.	Total Killed	Total Injured
Pima	Ajo	8	0	2	6	0	4	5	0	2
	Marana	22	0	5	17	0	8	11	0	1
	Oro Valley	23	0	8	15	0	11	5	0	6
	South Tucson	232	2	77	153	2	127	41	0	34
	Tucson	11,855	61	4,428	7,366	66	6,747	1,299	12	1,093
	State Rural Roads	785	16	304	465	20	580	142	11	160
	County Roads	3,005	27	1,123	1,855	31	1,818	329	7	338
	Total	**15,930**	**106**	**5,947**	**9,877**	**119**	**9,295**	**1,832**	**30**	**1,634**
Pinal	Apache Junction	269	1	96	172	1	165	23	0	25
	Casa Grande	124	1	56	67	1	87	12	0	7
	Coolidge	62	0	21	41	0	30	6	0	9
	Eloy	43	0	10	33	0	14	3	0	1
	Florence	48	0	8	40	0	9	11	0	5
	Kearny	10	0	6	4	0	6	5	0	4
	Mammoth	4	0	2	2	0	3	1	0	0
	San Manuel	12	0	4	8	0	6	2	0	3
	Superior	26	0	11	15	0	14	3	0	1
	State Rural Roads	654	16	272	366	17	450	145	7	144
	County Roads	342	8	150	184	9	234	80	5	91
	Total	**1,594**	**26**	**636**	**932**	**28**	**1,018**	**291**	**12**	**290**
Santa Cruz	Nogales	209	1	103	105	1	160	35	1	33
	Patagonia	3	0	1	2	0	2	0	0	0
	State Rural Roads	79	4	28	47	5	45	21	2	17
	County Roads	25	1	14	10	1	37	8	1	16
	Total	**316**	**6**	**146**	**164**	**7**	**244**	**64**	**4**	**66**
Yavapai	Bagdad	3	0	3	0	0	4	0	0	0
	Camp Verde	4	0	3	1	0	4	1	0	1
	Chino Valley	4	1	2	1	1	7	1	0	2
	Clarkdale	1	0	0	1	0	0	0	0	0
	Cottonwood	76	0	24	52	0	32	6	0	4
	Jerome	3	0	1	2	0	1	1	0	0
	Prescott	436	2	194	240	2	265	55	1	46
	Prescott Valley	57	0	23	34	0	29	7	0	4
	State Rural Roads	754	11	337	406	13	572	102	3	94
	County Roads	251	10	126	115	11	225	54	4	43
	Total	**1,589**	**24**	**713**	**852**	**27**	**1,139**	**227**	**8**	**194**
Yuma	San Luis	10	0	3	7	0	4	0	0	0
	Somerton	9	1	2	6	1	2	2	0	0
	Wellton	6	0	5	1	0	7	3	0	2
	Yuma	1,399	3	471	925	3	707	182	0	109
	State Rural Roads	262	8	107	147	9	186	43	4	43
	County Roads	221	3	89	129	5	139	49	3	43
	Total	**1,907**	**15**	**677**	**1,215**	**18**	**1,045**	**279**	**7**	**197**
	GRAND TOTALS	**76,616**	**616**	**31,683**	**44,317**	**675**	**50,076**	**9,361**	**230**	**8,577**

Accidents, Deaths and Injuries by U.S. and State Highways, 1983

Legend
Type: I-Interstate S-State U-U.S. Highway **Prefix:** A-Alternate B-Business L-Loop X-Temporary S-Spur

Type Prefix	Route	Number of Accidents				Number of Persons				
		Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
I	8	209	5	74	130	5	123	22	74	27
S B	8	62	3	26	33	4	38	11	14	13
I	10	2,084	41	692	1,351	42	1,176	353	557	266
S B	10	33	1	14	18	1	22	2	14	6
I	15	26	3	11	12	3	19	1	8	10
I	17	3,084	19	919	2,146	20	1,448	600	671	177
I	19	166	6	59	101	9	98	42	42	14
I	40	942	17	335	590	18	590	147	300	143
U	60	964	20	396	548	21	702	237	320	145
S	61	21	1	14	6	1	16	6	8	2
S	64	73	4	23	46	8	51	23	17	11
U	66	50	1	15	34	5	29	4	17	8
S	67	9		3	6		9	5	2	2
S	68	58	2	24	32	2	46	9	21	16
S	69	115	2	58	55	3	99	30	47	22
U	70	103	2	49	52	2	84	27	28	29
S	71	6		3	3		3	1	2	
S	72	12	2	5	5	2	7		5	2
S	73	8	1	2	5	1	5	1	2	2
S	74	24		10	14		15	5	6	4
S X	74	2			2					
S	75	12		8	4		17	6	7	4
S	76	8		5	3		9	3	3	3
S	77	157	3	68	86	3	123	27	63	33
S	78	7		2	5		8	6	1	1
U	80	79	4	32	43	4	55	15	34	6
S	82	36		15	21		26	4	16	6
S	83	38	1	17	20	1	26	8	13	5
S	84	49	3	19	27	3	25	7	10	8
S	85	311	4	129	178	4	247	57	135	55
S S	85	4		3	1		5	1	3	1
S	86	69	2	43	24	2	86	25	35	26
S	87	495	14	192	289	17	356	98	191	67
S	88	132	3	55	74	4	89	16	47	26
S B	89	2			2					
S L	89	4		1	3		1		1	
U	89	740	16	279	445	21	493	186	201	106
U A	89	235	2	97	136	2	169	44	78	47
S	90	92	2	32	58	2	48	8	33	7
S	92	73	3	30	40	3	62	6	39	17
S	93	23	1	7	15	1	11	2	6	3
U	93	273	6	97	170	7	159	41	84	34
S	95	329	7	146	176	7	230	73	105	52
U	95	144	2	67	75	2	116	32	72	12
S	96	17		7	10		7		6	1
S	97	2		1	1		1		1	
S	98	28	2	10	16	4	20	15	3	2
S	99	9	1	3	5	1	6	2	1	3

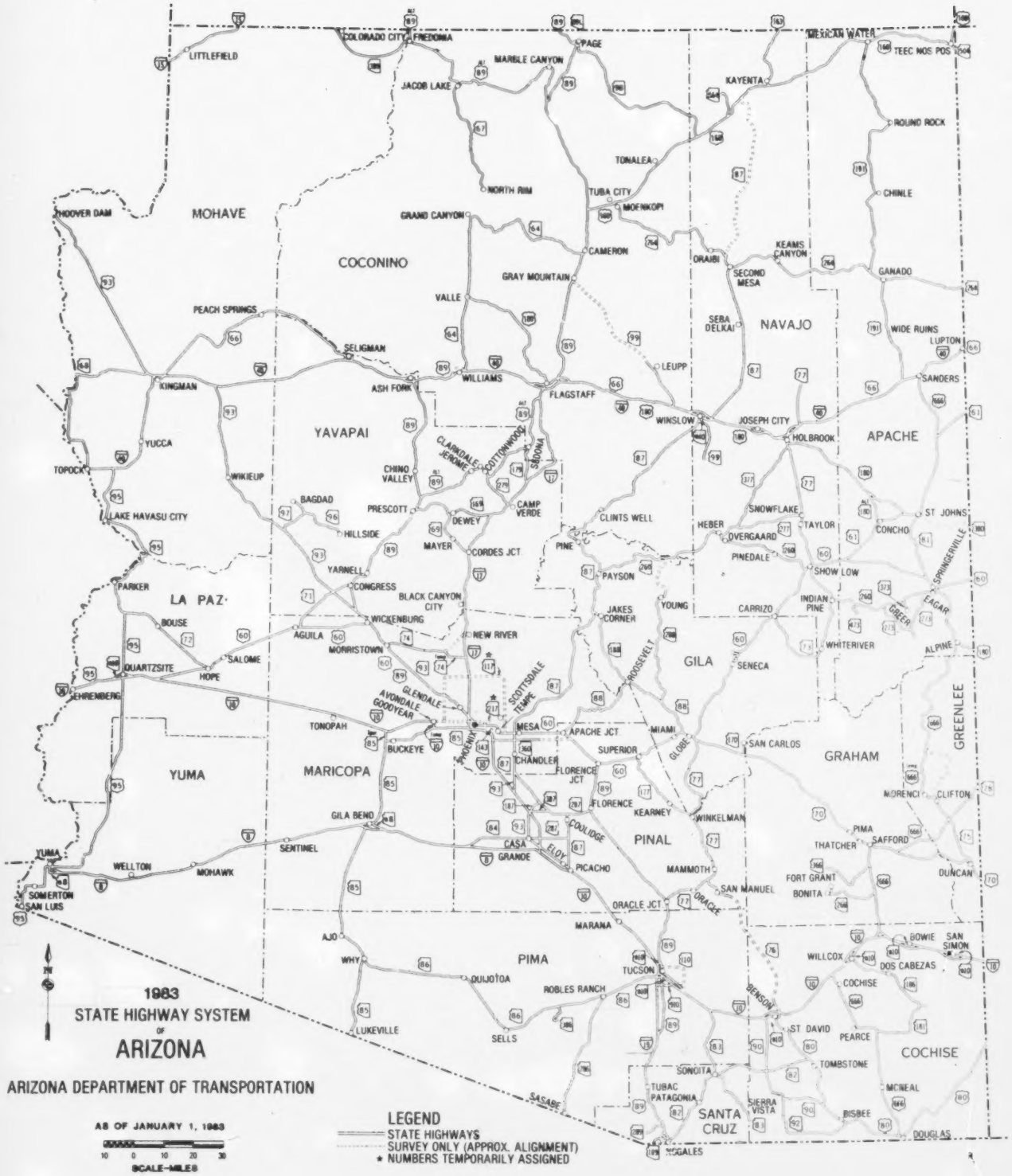
Legend

Type: I-Interstate S-State U-U.S. Highway **Prefix:** A-Alternate B-Business L-Loop X-Temporary S-Spur

Type	Prefix	Route	Number of Accidents				Number of Persons				
			Total	Fatal	Injury	Property Damage	Killed	Injured	Possible Injury	Non-Incap Injury	Incap Injury
S		143	2		2			2	1	1	
U		160	110	1	42	67	1	71	39	21	11
U		163	10		5	5		8	7	1	
S		169	4		2	2		2	1	1	
S		177	45	2	18	25	2	26	4	15	7
S		179	50	2	23	25	3	37	13	12	12
S	A	180	0								
U		180	135	4	52	80	5	90	18	58	14
S		181	1	1			1				
S		186	7		2	5		2	1	1	
S		187	3		2	1		2		2	
S		188	30		8	22		15	1	8	6
S		189	14		9	5		21	11	3	7
U		191	21	1	7	13	2	13	7	5	1
S		260	358	7	143	208	8	252	81	117	54
S		264	75	6	28	41	7	68	45	14	9
S		266	3		2	1		2			2
S	S	266	0	0	0	0	0	0	0	0	0
S		273	7	0	3	4	0	5	1	3	1
S		277	12		7	5		18	5	9	4
S		279	20	1	11	8	1	26	7	11	8
S		280	2		2			2		2	
S		286	3		2	1		2	1		1
S		287	28	1	12	15	1	22	6	11	5
S		288	15	1	8	6	1	10	5	3	2
S		289	2			2					
S		360	538	1	154	383	1	221	111	89	21
S		366	9		6	3		10	2	4	4
S		373	4		3	1		5	1	4	
S		377	9		3	6		6	3	1	2
S		387	1		1			1		1	
S		389	12	1	7	4	1	12	4	4	4
S		473	1			1					
S		504	3		1	2		1		1	
U		666	119	3	46	70	3	85	24	39	22
U	X	666	16		9	7		11	3	6	2
Totals			**13,088**	**238**	**4,716**	**8,134**	**272**	**8,023**	**2,610**	**3,790**	**1,623**

Accident Rates on the State Highway System Averaged Over 1980-1982 (Accidents Per Million Vehicle Miles of Travel)

Urban		Rural	
1 Lane	1.00	1 Lane	1.21
4 Lane	1.92	4 Lane	1.90
4 Lane	1.76	4 Lane Divided	1.43
Freeway	1.67	Freeway	.73
All Road Categories	**1.19**		



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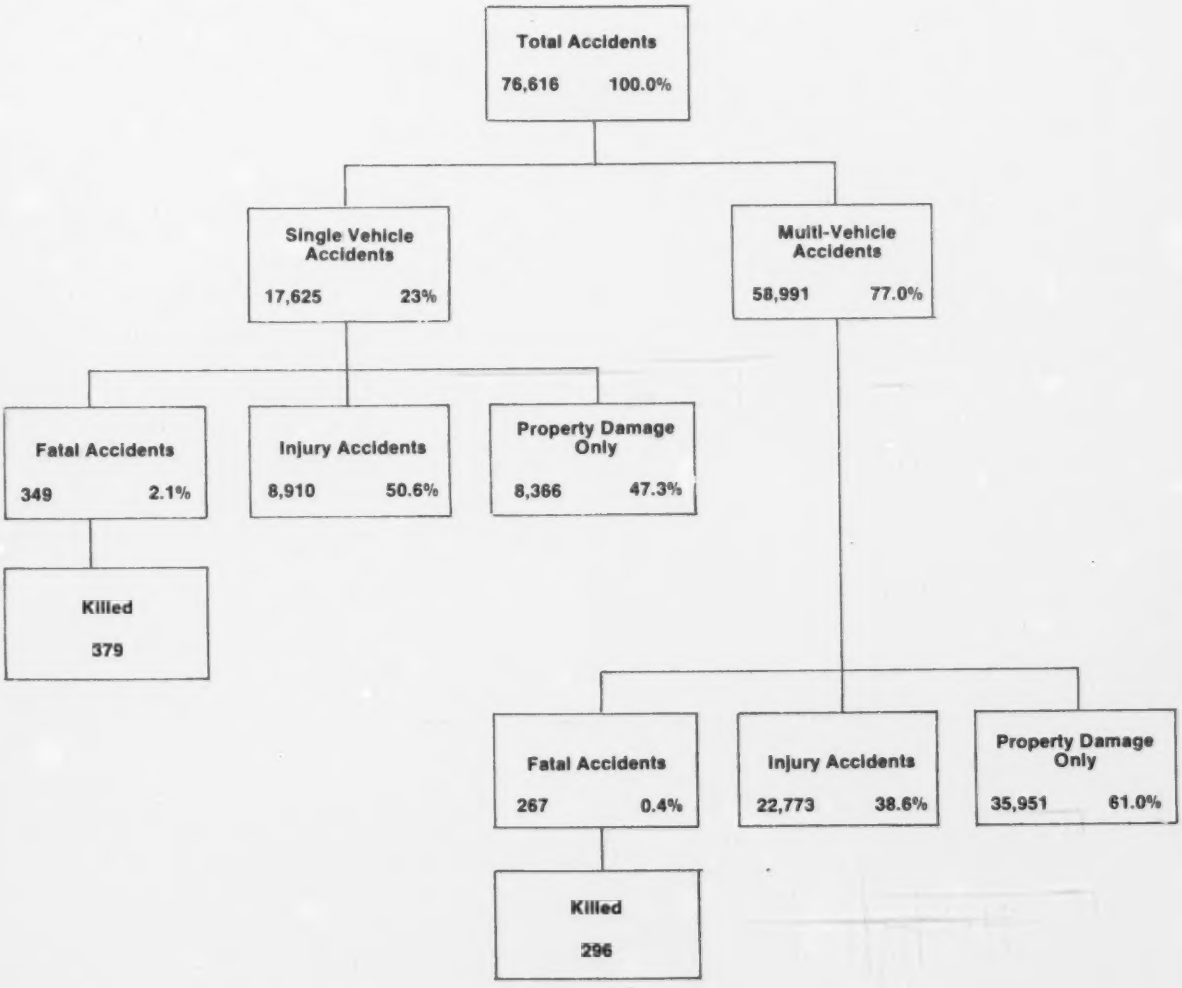
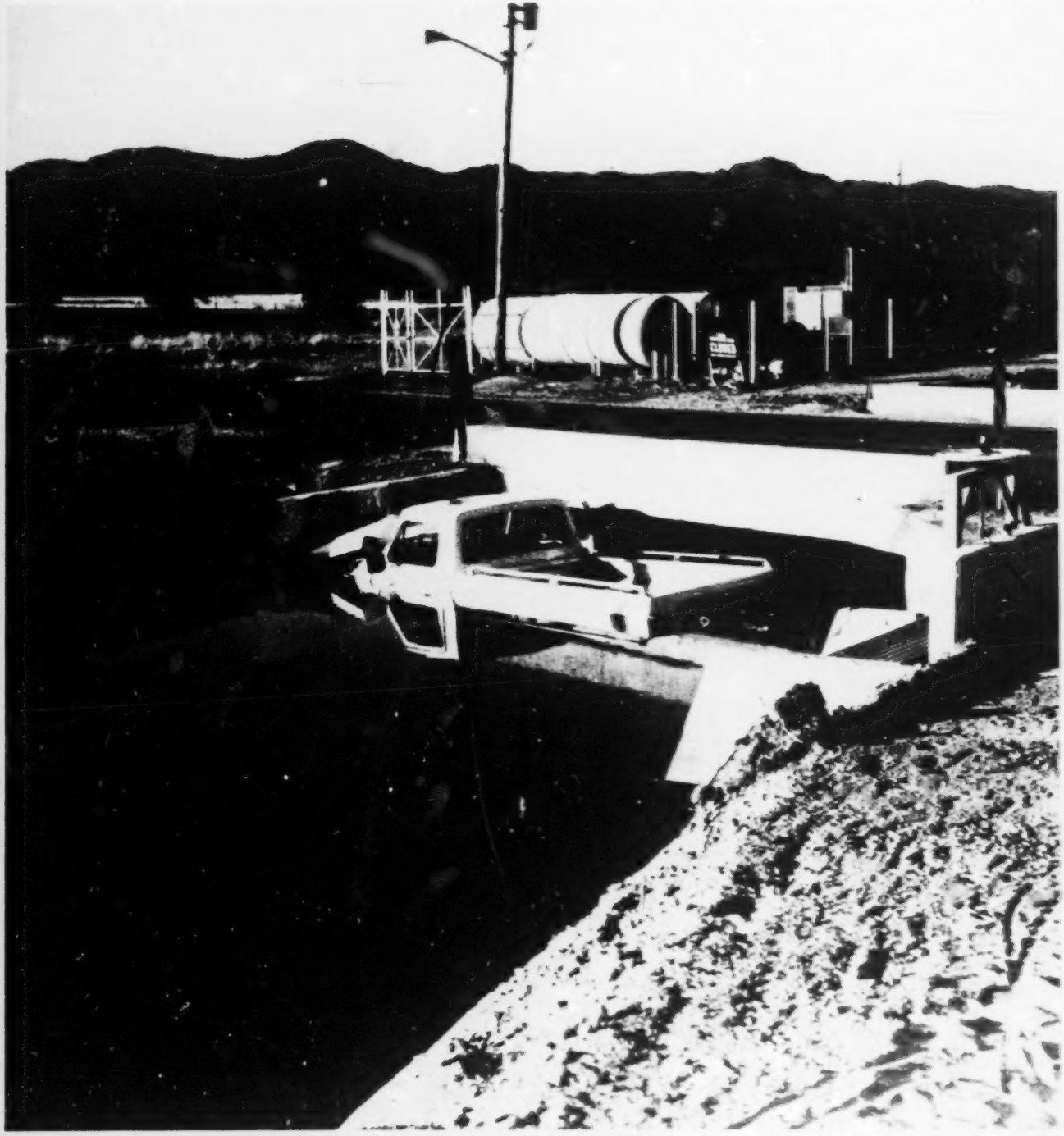
Accident Description





Type of Accident
(By First Harmful Event)

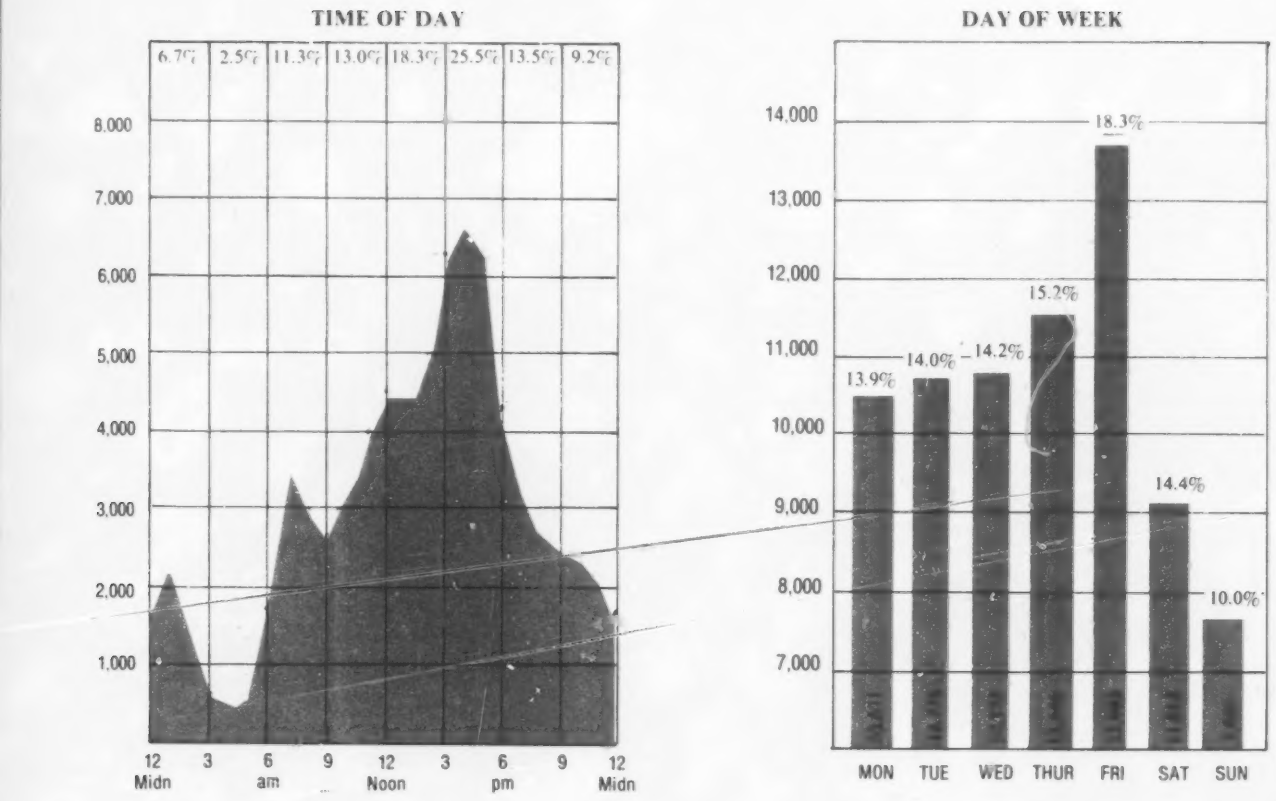
STATEWIDE	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	2,298	84	1,310	904	573	17	287	269	1,725	67	1,023	635
Other Non-Collision	3,443	49	1,658	1,736	2,421	28	1,150	1,243	1,022	21	508	493
Pedestrian	1,358	117	1,241	0	1,314	113	1,201	0	44	4	40	0
Motor Vehicle in Transport	54,194	239	21,686	32,269	53,843	237	21,540	32,066	351	2	146	203
Motor Vehicle on Other Roadway	51	0	26	25	50	0	26	24	1	0	0	1
Parked Motor Vehicle	3,695	9	658	3,028	3,321	6	573	2,742	374	3	85	286
Railway Train	28	2	8	18	28	2	8	18	0	0	0	0
Pedalcyclist	1,473	13	1,460	0	1,419	13	1,406	0	54	0	54	0
Animal	706	0	106	600	704	0	105	599	2	0	1	1
Fixed Object	8,617	102	3,387	5,128	1,374	6	449	919	7,243	96	2,938	4,209
Other Object	753	1	143	609	711	1	122	588	42	0	21	21
Totals	**76,616**	**616**	**31,683**	**44,317**	**65,758**	**423**	**26,867**	**38,468**	**10,858**	**193**	**4,816**	**5,849**

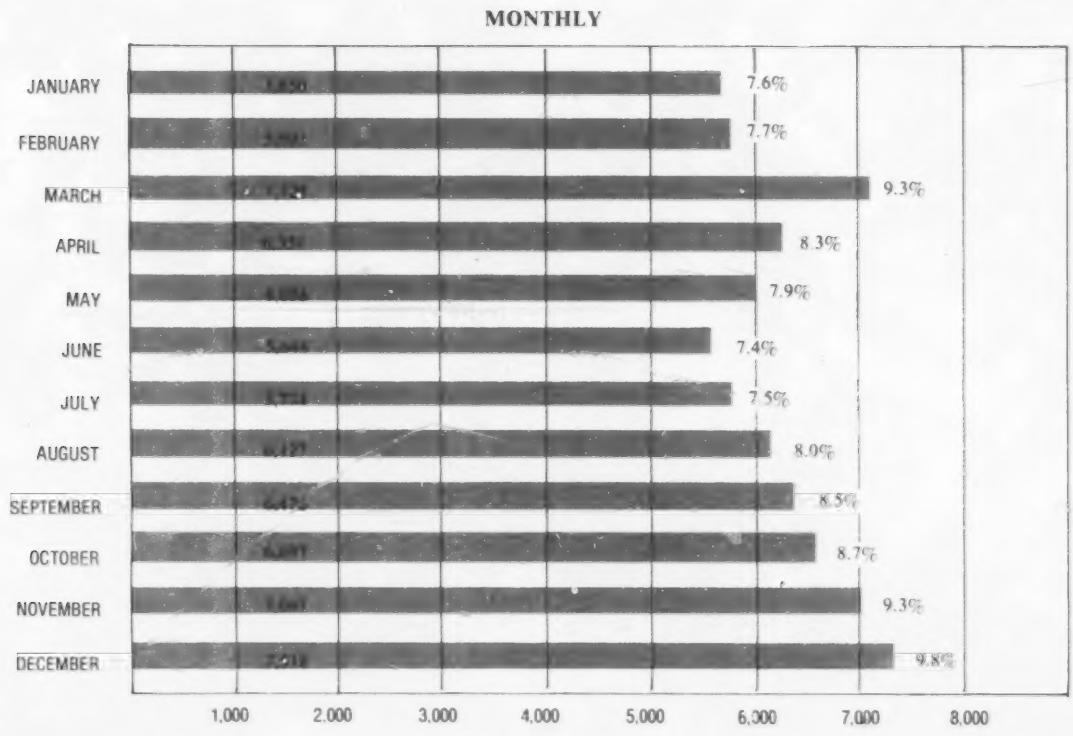
URBAN	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	401	6	220	175	173	1	90	82	228	5	130	93
Other Non-Collision	1,508	12	852	644	1,309	8	745	556	199	4	107	88
Pedestrian	1,149	75	1,074	0	1,115	72	1,043	0	34	3	31	0
Motor Vehicle in Transport	46,579	128	18,785	27,666	46,282	128	18,659	27,495	297	0	126	171
Motor Vehicle on Other Roadway	38	0	22	16	38	0	22	16	0	0	0	0
Parked Motor Vehicle	3,206	4	564	2,638	2,941	4	508	2,429	265	0	56	209
Railway Train	19	0	8	11	19	0	8	11	0	0	0	0
Pedalcyclist	1,346	11	1,335	0	1,294	11	1,283	0	52	0	52	0
Animal	86	0	26	60	85	0	25	60	1	0	1	0
Fixed Object	4,961	27	1,852	3,082	1,028	4	343	681	3,933	23	1,509	2,401
Other Object	437	0	96	341	411	0	84	327	26	0	12	14
Totals	**59,730**	**263**	**24,834**	**34,633**	**54,695**	**228**	**22,810**	**31,657**	**5,035**	**35**	**2,024**	**2,976**

RURAL	Total				On Roadway				Off Roadway			
	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.	Total	Fatal	Injury	Prop'ty Dam.
Overturning	1,897	78	1,090	729	400	16	197	187	1,497	62	893	542
Other Non-Collision	1,935	37	806	1,092	1,112	20	405	687	823	17	401	405
Pedestrian	209	42	167	0	199	41	158	0	10	1	9	0
Motor Vehicle in Transport	7,615	111	2,901	4,603	7,651	109	2,881	4,571	54	2	20	32
Motor Vehicle on Other Roadway	13	0	4	9	12	0	4	8	1	0	0	1
Parked Motor Vehicle	489	5	94	390	380	2	65	313	109	3	29	77
Railway Train	9	2	0	7	9	2	0	7	0	0	0	0
Pedalcyclist	127	2	125	0	125	2	123	0	2	0	2	0
Animal	620	0	80	540	619	0	80	539	1	0	0	1
Fixed Object	3,656	75	1,535	2,046	346	2	106	238	3,310	73	1,429	1,808
Other Object	316	1	47	268	300	1	38	261	16	0	9	7
Totals	**16,886**	**353**	**6,849**	**9,684**	**11,063**	**195**	**4,057**	**6,811**	**5,823**	**158**	**2,792**	**2,873**

1983 Total Accidents

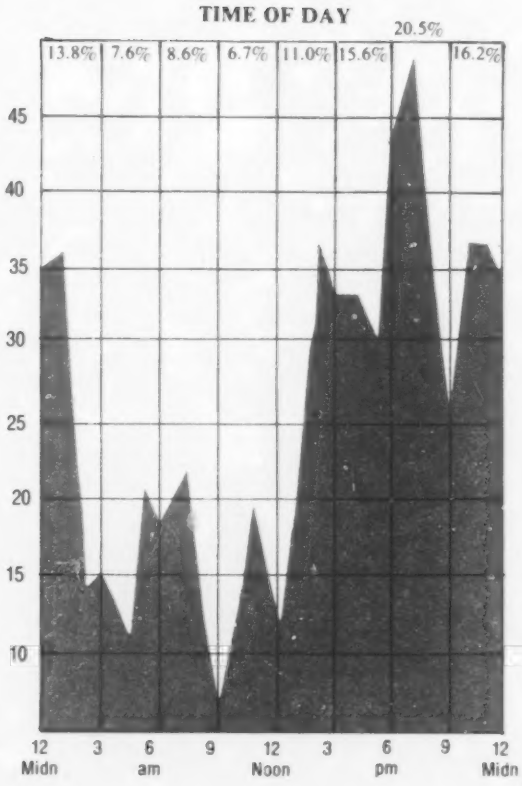
Time of Day — Day of Week — Monthly

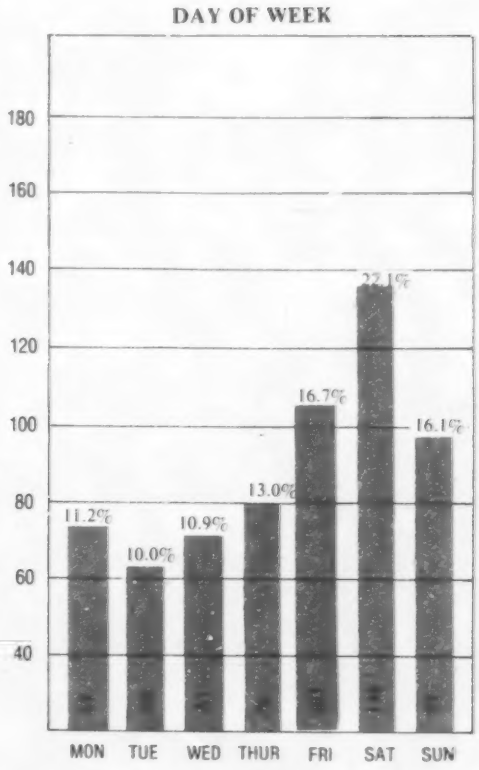


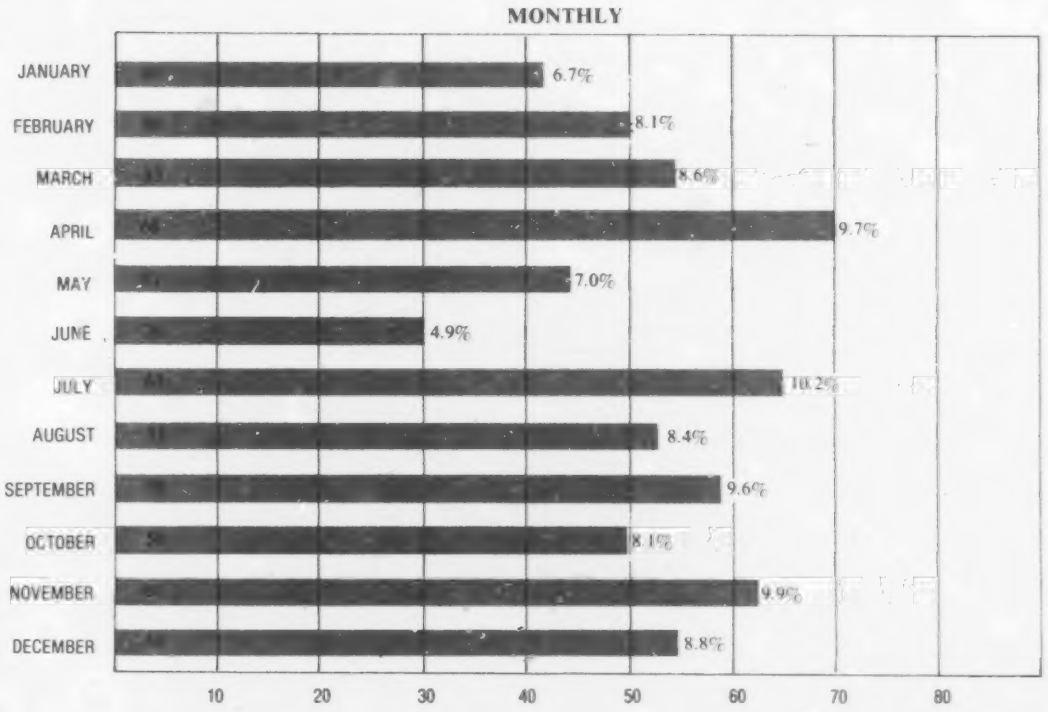


1983 Fatal Accidents

Time of Day — Day of Week — Monthly







Multi-Vehicle Accident

SEVERITY	Total	Head-on	Rear-end	Sideswipe Meeting	Sideswipe Passing	Left Turn	Other Angle	Backed Into	Other
All Accidents	58,991	830	20,866	580	2,957	8,276	13,253	1,872	10,357
Fatal Accidents	267	49	43	7	10	36	67	2	53
Injury Accidents	22,773	415	8,890	161	495	4,163	5,846	126	2,677

Number of Vehicles Involved

VEHICLES	Number	Percent
1	17,625	12.4
2	105,818	74.2
3	15,417	10.8
4+	3,724	2.6
Totals	**142,584**	**100.00%**

Vehicle Mix in Two-Vehicle Accidents

Vehicle Type	Passenger Car	Pick Up/Van	Truck	Bus	Motorcycle	Other Vehicle
Passenger Car	55 25,736	64 15,224	14 911	1 276	36 1,685	17 2,570
Pick Up/Van		8 2,623	7 327	0 89	23 506	3 841
Truck			2 75	0 7	2 17	0 76
Bus				0 3	0 7	0 30
Motorcycle					2 36	2 89
Other Vehicle						29 101

LEGEND: Fatal Accidents / Total Accidents

Hit and Run Accidents

HIT & RUN DRIVER INVOLVED	Number of Accidents				Total Killed	Total Injured
	Total	Fatal	Injury	Property Damage		
Yes	5,951	15	1,478	4,458	15	2,004
No	70,665	601	30,205	39,859	660	48,072
Totals	**76,616**	**616**	**31,683**	**44,317**	**675**	**50,076**

Climatic Conditions

LIGHT CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Daylight	51,597	242	30,535	267	20,820	32,665
Dawn or Dusk	3,358	46	1,916	49	1,396	2,182
Darkness	21,354	320	11,643	348	9,391	15,107
Not Reported	307	8	223	11	76	122
Totals	**76,616**	**616**	**44,317**	**675**	**31,683**	**50,076**

- *67% of all accidents happened during the day, however 52% of the fatal accidents occured at night.*

WEATHER CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Clear	58,680	451	24,629	33,600	496	38,980
Raining	5,510	31	2,147	3,332	32	3,432
Cloudy	10,507	107	4,418	5,982	117	6,860
Snowing	515	6	131	378	7	214
Strong Wind	367	5	146	216	5	244
Dust	41	2	17	22	2	41
Fog	52	1	17	35	0	25
Not Stated	944	14	178	752	16	280
Totals	**76,616**	**616**	**31,683**	**44,317**	**675**	**50,076**

- *76% of the accidents took place in clear weather.*

- *85% occured on dry pavement.*

SURFACE CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Dry	65,057	504	27,201	37,352	549	43,019
Wet	7,478	52	2,923	4,503	55	4,595
Snowy or Icy	1,045	12	314	719	17	531
Other	3,036	48	1,245	1,743	54	1,931
Totals	**76,616**	**616**	**31,683**	**44,317**	**675**	**50,076**

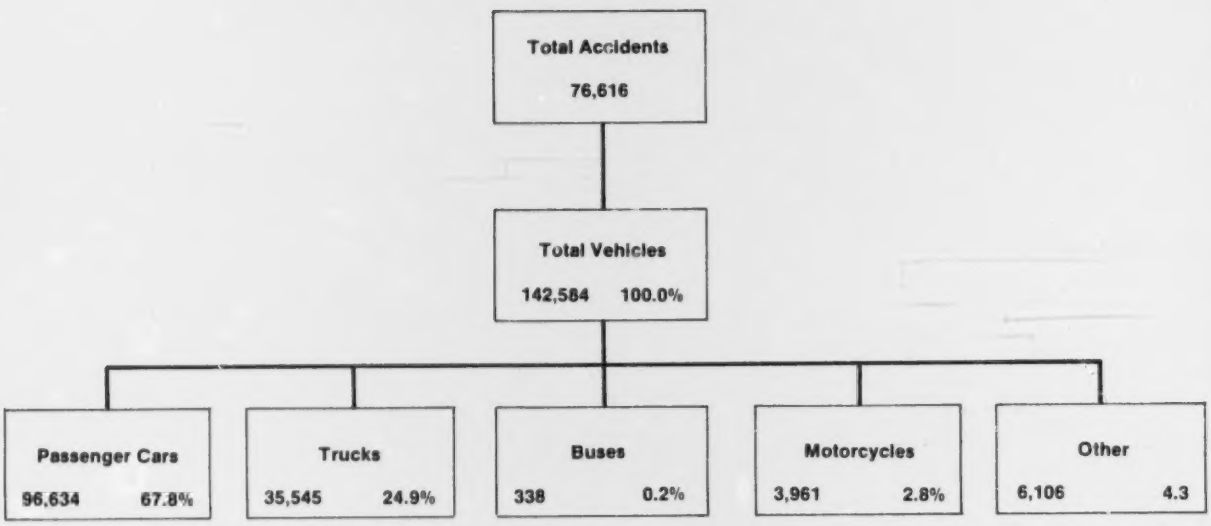
Road Characteristics

SURFACE TYPE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Asphalt	70,353	550	29,793	40,010	602	47,146
Concrete	3,335	13	977	2,345	13	1,430
Gravel	477	4	185	288	5	283
Dirt	1,449	34	538	877	38	908
Other	53	1	18	34	1	32
Not reported	949	14	172	763	16	277
Totals	**76,616**	**616**	**31,683**	**44,317**	**675**	**50,076**

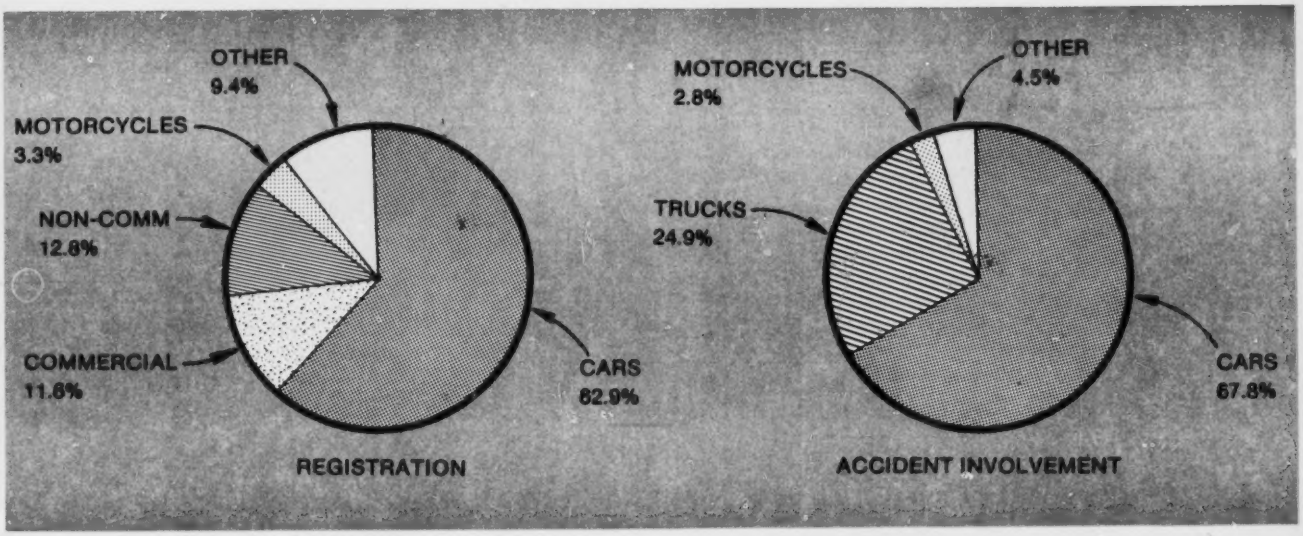
GRADE	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
Level	67,096	469	27,971	38,686	469	44,054
Downgrade	4,666	98	2,011	2,577	91	3,248
Upgrade	2,842	41	1,114	1,666	71	1,782
Hillcrest	313	8	133	172	10	246
Dip	229	3	100	125	4	175
Not Reported	1,470	22	354	1,091	30	571
Totals	**76,616**	**616**	**31,317**	**44,317**	**675**	**50,076**

UNUSUAL ROAD CONDITION	Number of Accidents				Number of Persons	
	Total	Fatal	Injury	Property Damage	Killed	Injured
No Unusual Condition	72,593	565	30,130	41,898	618	47,581
Under Construction - Thru Traffic Allowed	1,823	11	663	1,149	13	1,044
Under Construction - Traffic Detoured	52	0	28	24	0	38
Under Repairs	190	4	74	112	4	127
Holes, Ruts, Bumps	807	22	336	449	25	563
Obstruction - Protected	53	2	21	30	2	29
Obstruction - Unprotected	72	2	36	34	2	55
Obstruction - Unlighted at Night	24	2	7	15	2	10
Defective Shoulders	65	1	30	34	1	51
Changing Road Width	409	6	157	246	7	269
Flooded	277	1	108	168	1	167
Temporary Road Closure	251	0	93	158	0	142
Totals	**76,616**	**616**	**31,683**	**44,317**	**675**	**50,076**

Motor Vehicle and Driver Characteristics



Motor Vehicle Registration and Accident Involvement



Number of Motor Vehicles in Accidents

TYPE OF MOTOR VEHICLE	All Accidents		Fatal Accidents	Non-Fatal Injury Accidents	Property Damage
	Number	%			
Passenger Car	96,557	67.72	446	40,237	55,874
Passenger Car and Trailer	317	.22	2	78	237
Pick Up Truck (Incl. Panel & Mini Bus)	28,448	19.95	229	10,763	17,456
Pick Up Truck with Camper	2,294	1.61	16	913	1,365
Truck Tractor (Only)	185	.13	1	59	125
Truck Tractor and Semi-Trailer	2,218	1.56	44	665	1,509
Med/Heavy Truck or Combination	2,398	1.68	23	790	1,585
Farm Tractor and/or Farm Equipment	25	.02	0	8	17
Taxicab	201	.14	0	89	112
Bus	505	.35	1	158	346
Motorcycle	3,961	2.78	105	3,407	449
Motor Scooter, Motor Bicycle	13	.01	2	8	3
Moped	82	.06	0	78	4
Recreational Vehicle	2,040	1.43	25	853	1,162
Motor Home	298	.21	2	74	222
Emergency Vehicle (Inc. Privately Owned)	116	.08	2	34	80
Other Type Vehicle	232	.16	4	85	144
Vehicle Type Not Stated	2,693	1.89	22	378	2,293
Totals	**142,584**	**100.0%**	**924**	**58,677**	**82,983**

1983 Motor Vehicle Registration

Passenger Car	1,423,573
Commercial Vehicles	263,029
Non-Commercial (Pick Ups, Etc.)	289,279
Motorcycles	74,010
Other	212,891
Total	**2,262,782**

Licensed Drivers in Arizona

Age Group	Male		Female		Total		
	Number	Percent	Number	Percent	Number	Percent	Cumulative Percent
15-16	14,062	1.1	11,909	1.1	25,971	1.1	1.1
17	17,213	1.4	14,890	1.4	32,103	1.4	2.5
18-19	47,951	3.9	40,389	3.9	88,340	3.9	6.4
20-24	172,382	13.9	142,495	13.5	314,877	13.7	20.1
25-34	343,665	27.6	280,237	26.5	623,902	27.1	47.2
35-44	226,605	18.2	191,064	18.1	417,669	18.2	65.4
45-54	148,500	11.9	127,615	12.1	276,115	12.0	77.4
55-64	130,315	10.5	122,563	11.6	252,878	11.0	88.4
65 and Over	142,687	11.5	125,256	11.8	267,943	11.6	100.0
Total	**1,243,380**	**100.0%**	**1,056,418**	**100.0%**	**2,299,798**	**100.0%**	**100.0%**

- *There was only a 4% increase in the number of licensed drivers from 1981 to 1982.*

Driver Errors Causing Accidents

Contributing Circumstances	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Speed Too Fast for Conditions	26,488	18.6	228	24.7	11,987	20.4
Exceeding Lawful Speed Limit	1,493	1.1	63	6.8	796	1.4
Failed to Yield Right-of-Way	18,486	13.0	78	8.5	8,085	13.8
Passed Stop Sign	1,360	1.0	16	1.7	733	1.3
Disragarded Traffic Signal	3,567	2.5	21	2.3	1,947	3.3
Drove Left of Center	1,803	1.3	60	6.5	803	1.4
Followed Too Closely	2,205	1.6	1	.1	767	1.3
Made Improper Turn	3,559	2.5	7	.8	1,028	1.8
Driver Inattention	17,293	12.1	129	14.0	7,246	12.4
Other Improper Driving	13,356	9.4	104	11.3	4,125	7.0
No Improper Driving	62,258	43.7	313	33.9	26,384	45.0
Not Reported	4,727	3.3	18	2.0	761	1.3
Number of Drivers	**142,584**	**	**924**	**	**58,677**	**
Total Contributing Circumstances	**156,595**	**	**1,038**	**	**64,662**	**

** Totals more than 100% because of multiple errors

Physical Condition of Driver

Driver Defects	Involved in All Accidents		Involved in Fatal Accidents		Involved in Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
No Apparent Defects	117,052	82.1	422	45.7	48,098	82.0
Had Been Drinking	9,636	6.8	226	24.5	5,167	8.8
Ill, Ability Influenced	262	.2	2	.2	146	.3
Other Bodily Defects	471	.3	6	.7	235	.4
Influence of Narcotic Drugs	328	.2	4	.4	177	.3
Sleepy, Fatigued	1,966	1.4	59	6.4	1,122	1.9
Unknown	13,668	9.6	226	24.5	4,198	7.2
Total Defects	**143,384**	**	**945**	**	**59,143**	**
Number of Drivers	**142,584**	**	**924**	**	**58,677**	**

** Totals more than 100% because of multiple driver conditions

Driver Characteristics

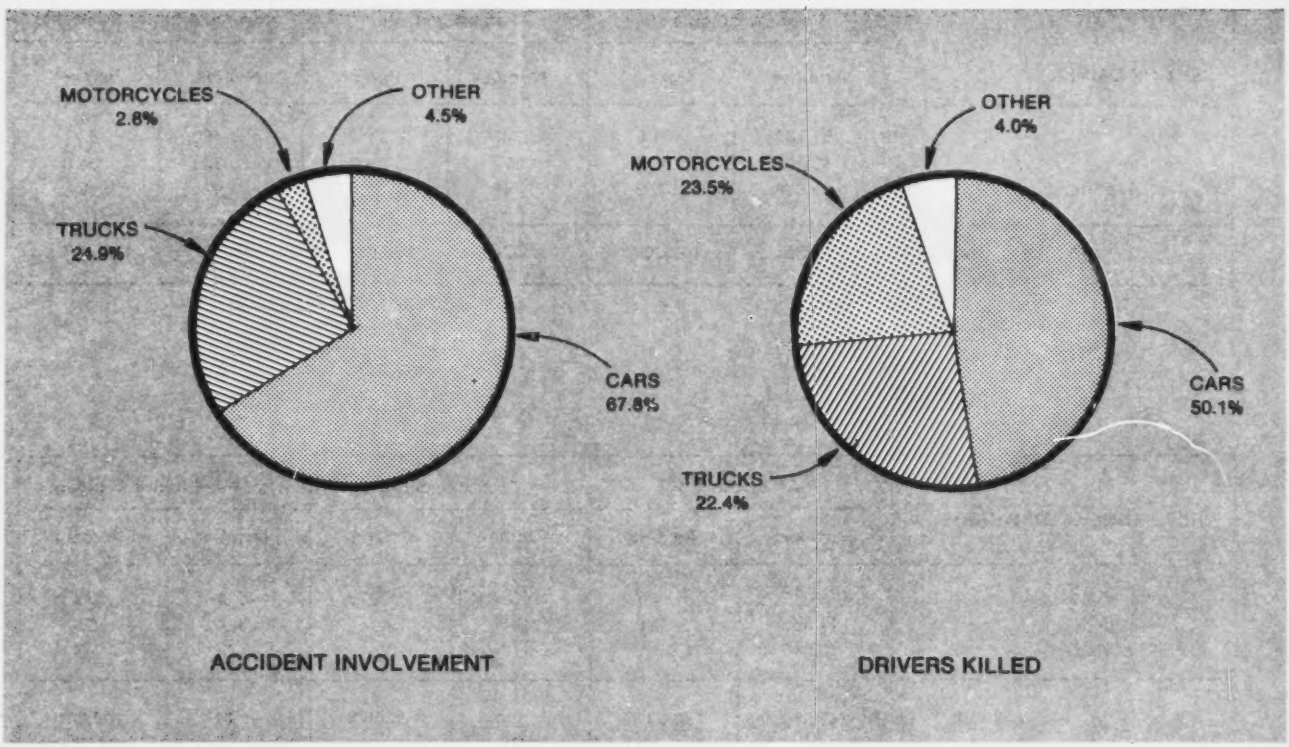
AGE GROUP	Involved in All Accidents		Involved in Fatal Accidents		Involved in Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
15 & Younger	578	.4	4	.4	279	5
16	2,898	2.0	17	1.8	1,273	2.2
17	4,165	2.9	22	2.4	1,768	3.0
18-19	11,271	7.9	77	8.3	4,917	8.4
20-24	25,851	18.1	179	19.4	10,993	18.7
25-34	35,807	25.1	246	26.6	15,032	25.6
35-44	19,878	14.0	123	13.3	8,376	14.3
45-54	11,712	8.2	67	7.3	4,882	8.3
55-64	9,706	6.8	59	6.4	4,221	7.2
65 & Older	9,888	6.9	77	8.3	4,220	7.2
Not Reported	10,830	7.7	53	5.8	2,715	4.6
Totals	**142,584**	**100.00%**	**924**	**100.00%**	**58,677**	**100.00%**

SEX OF DRIVER	All Accidents		Fatal Accidents		Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Male	87,765	61.6	702	76.0	36,450	62.1
Female	46,161	32.4	177	19.2	20,303	34.6
Not Reported	8,658	6.0	45	4.8	1,924	3.3
Totals	**142,584**	**100.00%**	**924**	**100.00%**	**58,677**	**100.00%**

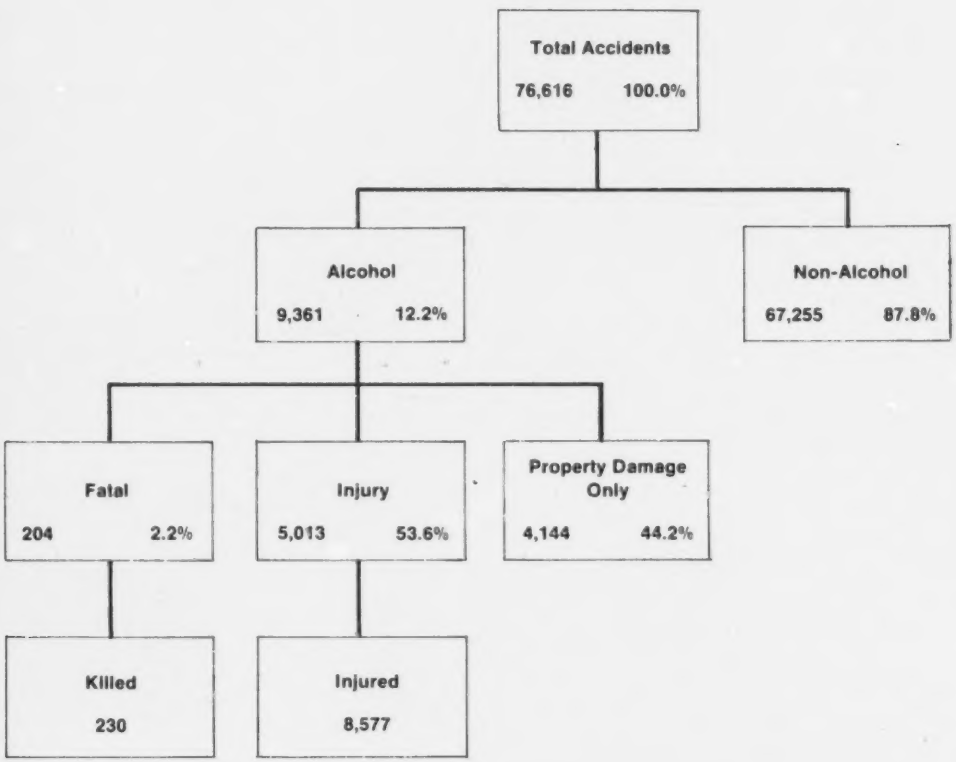
RESIDENCE OF DRIVERS	All Accidents		Fatal Accidents		Non-Fatal Injury Accidents	
	Number	Percent	Number	Percent	Number	Percent
Arizona Resident	112,611	79.0	662	71.7	48,387	82.5
Non-Resident	14,463	10.1	144	15.6	5,939	10.1
Not Reported	15,510	10.9	118	12.7	4,351	7.4
Totals	**142,584**	**100.00%**	**924**	**100.00%**	**58,677**	**100.00%**

Drivers Killed and Injured

TYPE OF MOTOR VEHICLE	Number of Drivers	
	Total Killed	Total Injured
Passenter Car	187	20,639
Passenger Car and Trailer	1	44
Pick Up Truck (Incl. Panel & Mini Bus)	62	4,550
Pick Up Truck with Camper	10	394
Truck Tractor (Only)	0	23
Truck Tractor and Semi Trailer	12	268
Med/Heavy Truck or Combination	0	213
Farm Tractor and/or Farm Equipment	0	2
Taxicab	0	37
Bus	0	35
Motorcycle	88	3,283
Motor Scooter, Motor Bicycle	1	9
Moped	0	76
Recreational Vehicle	9	412
Motor Home	1	20
Emergency Vehicle	0	20
Other Type of Vehicle	1	30
Vehicle Type Not Stated	3	20
Totals	**375**	**30,075**



Alcohol-Related Accidents



Alcohol Related Accidents and Fatalities 1977 - 1983

YEAR	Total Alcohol Related Accidents	Percent of All Accidents	Persons Killed	Percent of All Killed
1977	10,667	14.1%	290	31.1%
1978	12,103	13.8%	390	38.0%
1979	12,877	14.6%	376	36.5%
1980	12,570	15.7%	347	36.6%
1981	12,029	16.6%	328	35.8%
1982	9,839	14.4%	246	34.0%
1983	9,361	12.2%	230	34.1%

1983 Alcohol Related Accidents

TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	506	38	353	115
Other Non-Collision	475	13	333	129
Pedestrian	106	17	89	0
Motor Vehicle in Transport	4,758	85	2,584	2,089
Motor Vehicle on Other Roadway	22	0	12	10
Parked Motor Vehicle	772	3	264	505
Railway Train	3	1	0	2
Pedalcyclist	30	1	29	0
Animal	15	0	3	12
Fixed Object	2,636	46	1,328	1,262
Other Object	38	0	18	20
Not Stated	0	0	0	0
Totals	**9,361**	**204**	**5,013**	**4,144**

ROAD SURFACE CONDITION	Number of Accidents	Number of Fatal Accidents	Number of Non-Fatal Injury Accidents
Dry	7,992	164	4,325
Wet	896	12	461
Snowy or Icy	42	2	18
Other	431	26	209
Not Stated	0	0	0
Totals	**9,361**	**204**	**5,013**

Drinking Drivers Involved in Accidents

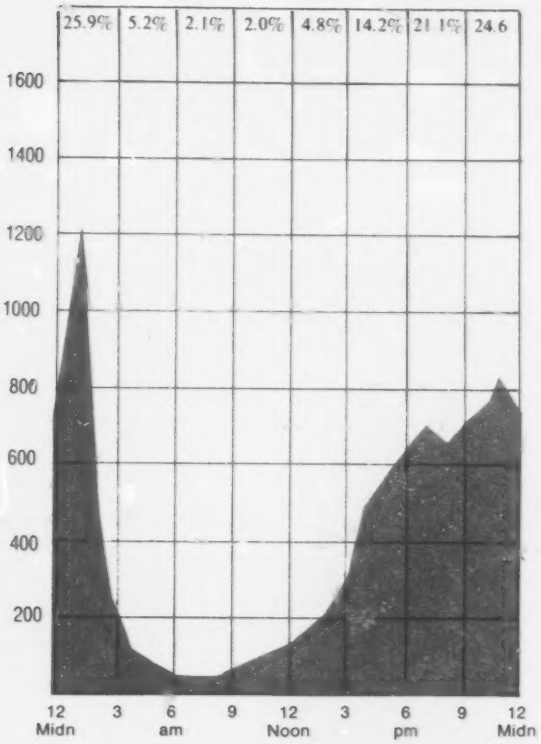
- *In the 9,361 accidents involving alcohol, 9,636 drivers had been drinking*

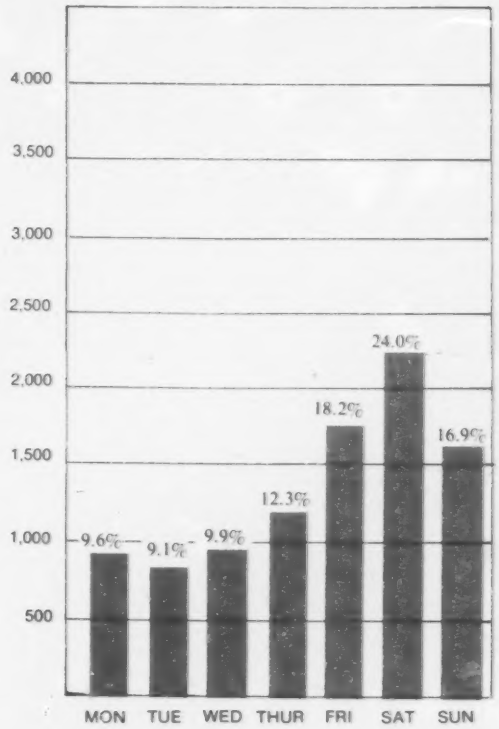
AGE OF DRIVER	Number of Drivers	Percent of Total	Number of of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
15 & Younger	23	.2	0	13
16	95	1.0	5	55
17	180	1.9	4	99
18-19	859	8.9	26	488
20-24	2,479	25.7	60	1,353
25-34	3,085	32.0	80	1,687
35-44	1,388	14.4	26	744
45-54	629	6.5	13	312
55-64	437	4.5	5	225
65-74	188	2.0	4	91
75 & Older	39	.4	1	21
Not Stated	231	2.5	2	79
Totals	**9,636**	**100.00%**	**226**	**5,167**

- *82% of the drinking drivers were male.*

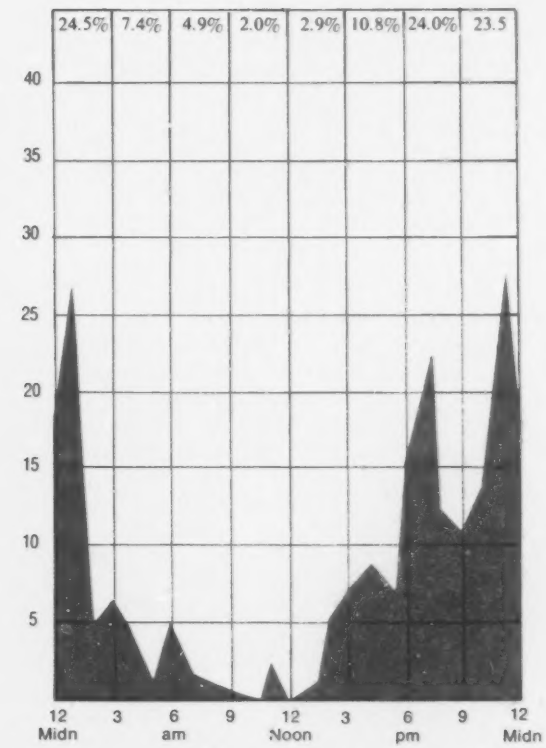
SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
Male	7,909	194	4,237
Female	1,632	31	906
Not Stated	95	1	24
Totals	**9,636**	**226**	**5,167**

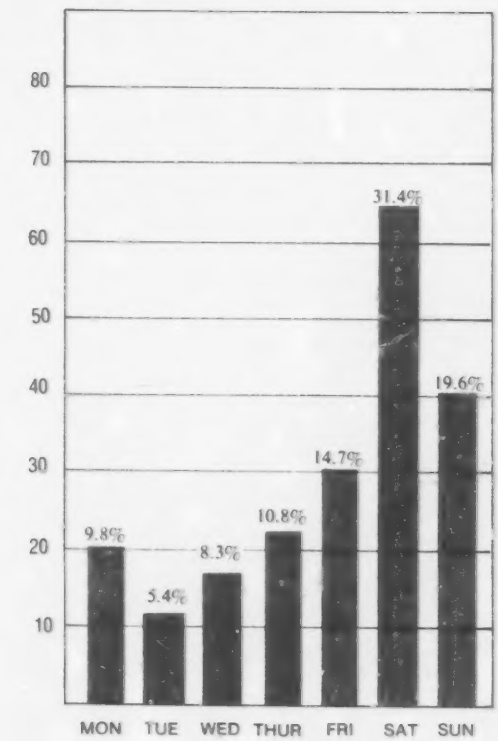
Total Accidents Involving Drinking Drivers



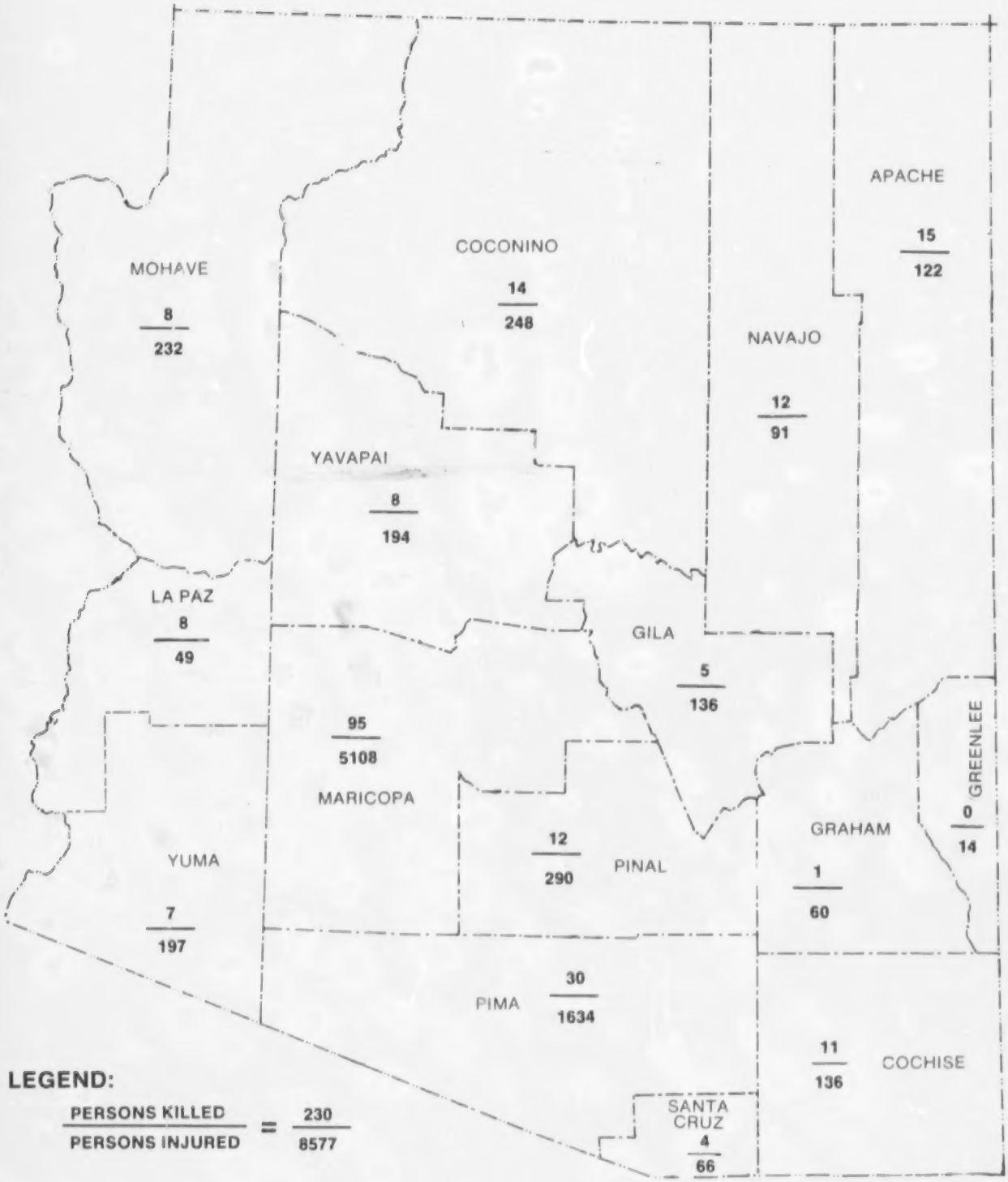


Fatal Accidents Involving Drinking Drivers

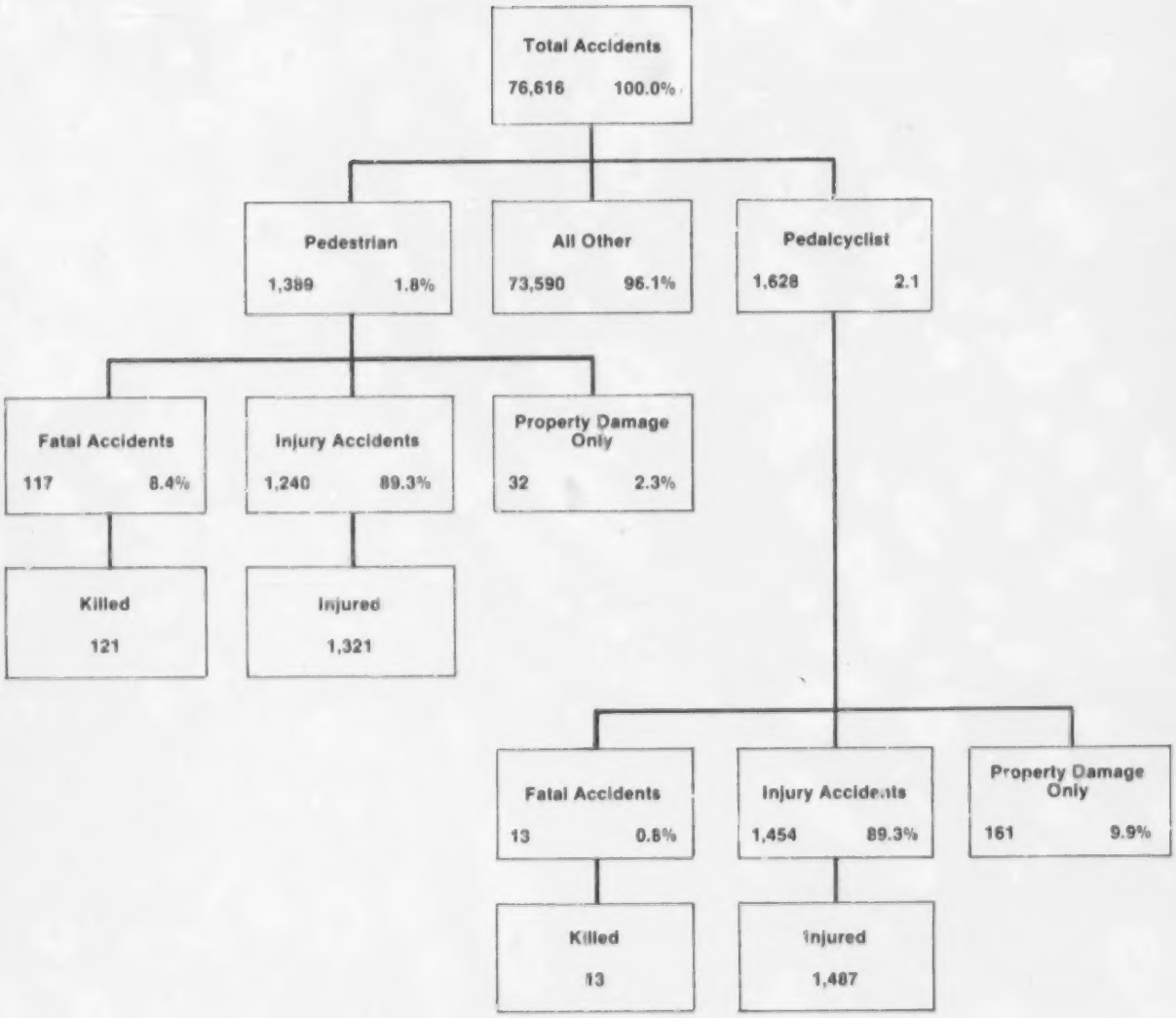




Fatalities and Injuries in Accidents Involving Drinking Drivers

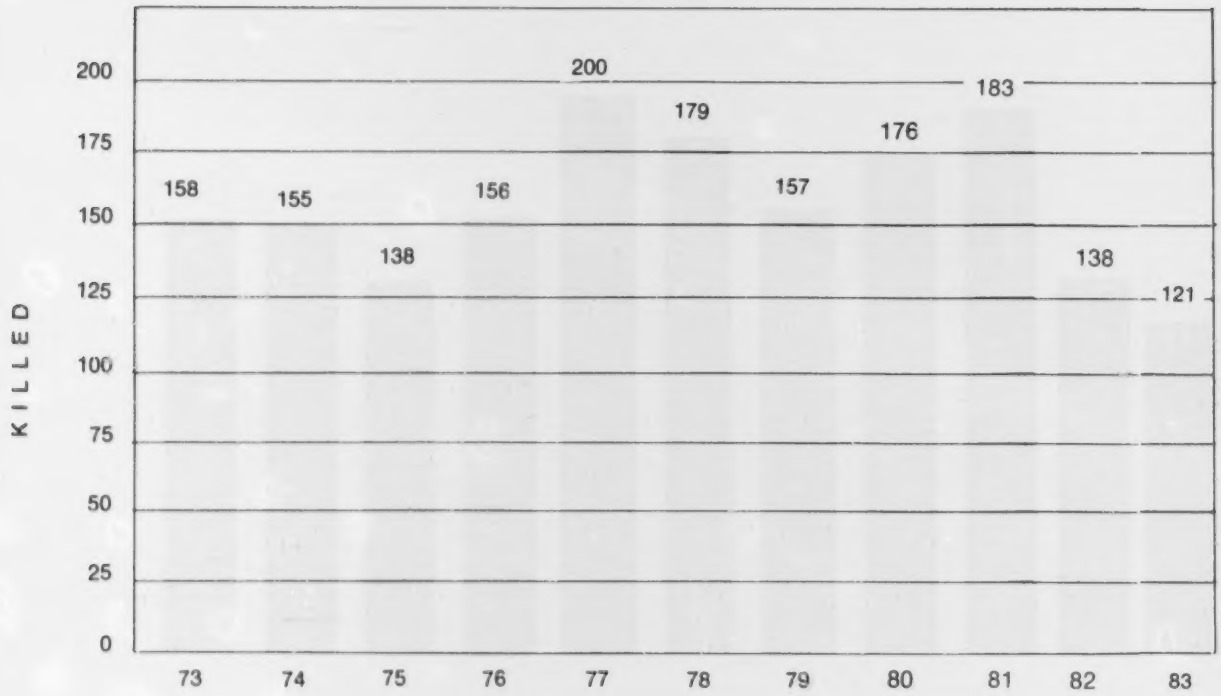


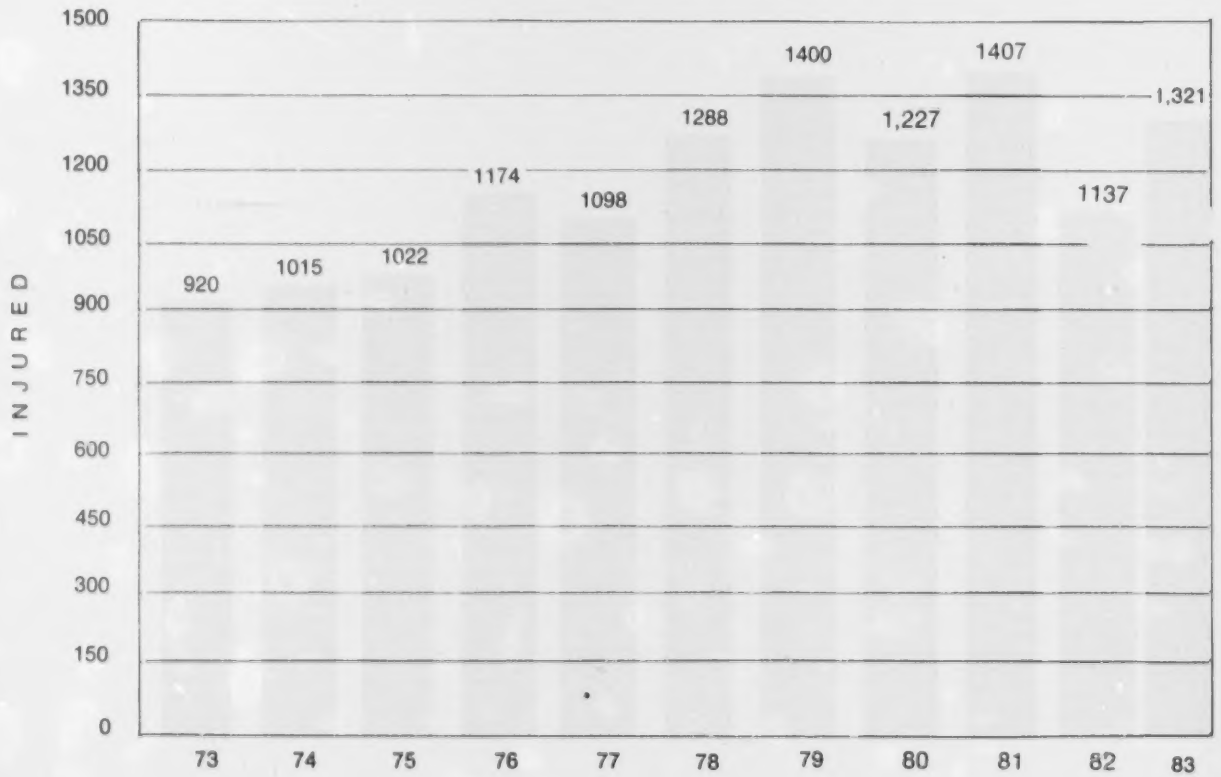
Pedestrian and Pedalcyclist Accidents



BIKE ROUTE

Pedestrians Killed and Injured
1973 - 1983





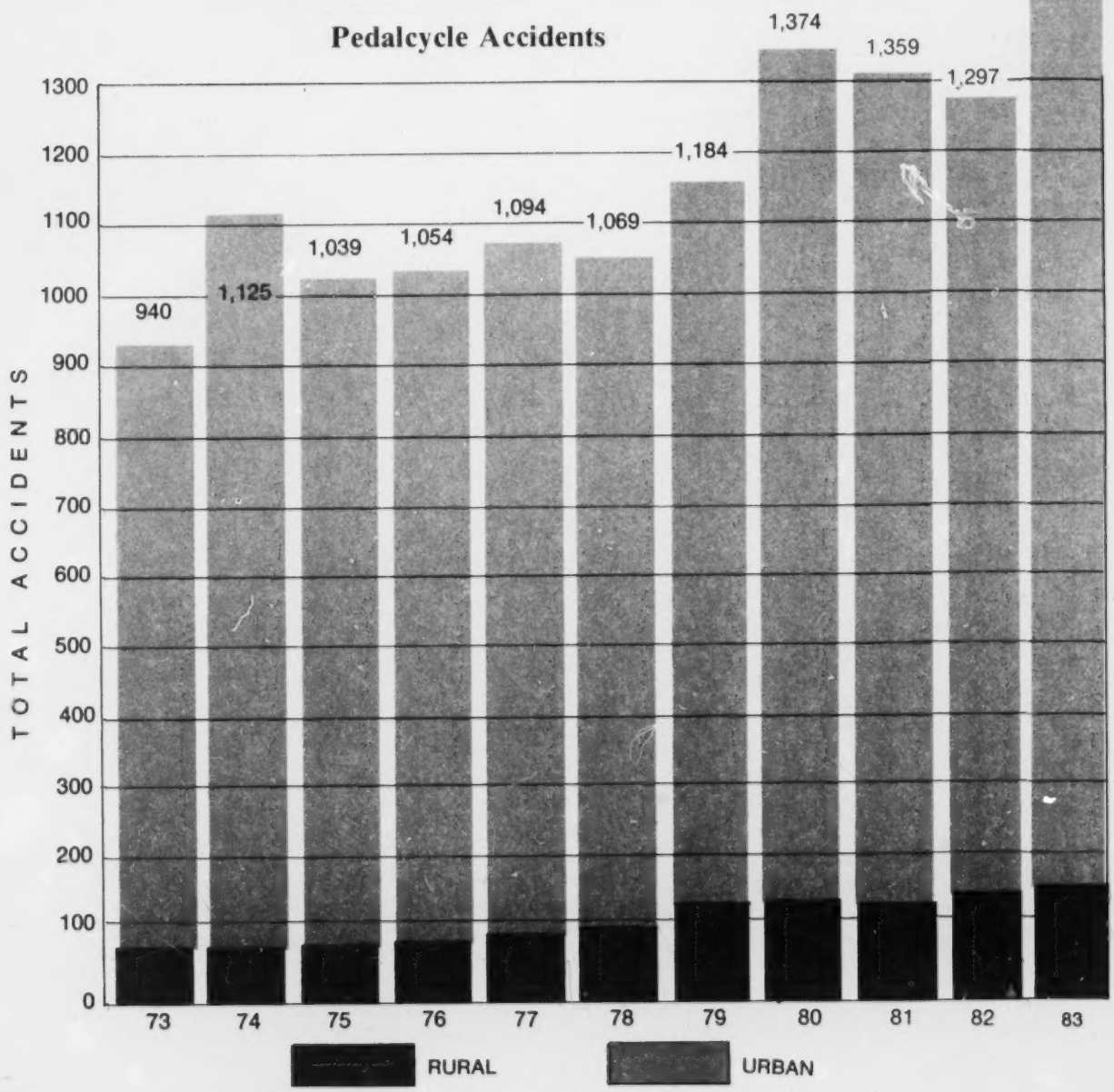
Pedestrian Accidents, 1983

PEDESTRIANS KILLED	Totals	Age of Pedestrians Killed								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & Older	Not Stated
Crossing at Intersection or Crosswalk	9	0	1	0	0	0	0	2	6	0
Crossing Not at Intersection or Crosswalk	45	0	4	2	2	2	13	10	9	3
Walking in Roadway with Traffic	16	0	0	0	0	1	7	6	2	0
Walking in Roadway Against Traffic	4	0	0	1	0	0	0	1	2	0
Standing in Roadway	9	0	0	0	2	1	3	0	1	2
Pushing or Working on Vehicle in Roadway	2	0	0	0	1	0	0	0	0	1
Other Working in Roadway	1	0	0	0	0	0	0	1	0	0
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	7	0	0	0	1	0	5	0	1	0
Getting on or Off Vehicle in Roadway	0	0	0	0	0	0	0	0	0	0
Other Actions in Roadway	8	0	1	1	1	0	1	2	0	2
Not in Roadway	3	0	1	0	0	1	1	0	0	0
Actions Not Stated	17	0	0	0	4	0	8	3	1	1
Totals	**121**	**0**	**7**	**4**	**11**	**5**	**38**	**25**	**22**	**9**

PEDESTRIANS INJURED	Totals	Age of Pedestrians Injured								
		0-4	5-9	10-14	15-19	20-24	25-44	45-64	65 & Older	Not Stated
Crossing at Intersection or Crosswalk	215	2	17	30	26	16	46	22	37	19
Crossing Not at Intersection or Crosswalk	611	55	95	69	60	42	136	66	45	43
Walking in Roadway with Traffic	60	1	1	8	11	7	21	4	2	5
Walking in Roadway Against Traffic	27	1	0	1	2	1	8	6	4	4
Standing in Roadway	94	6	2	6	16	18	32	7	1	6
Pushing or Working on Vehicle in Roadway	26	0	0	0	3	5	8	5	0	5
Other Working in Roadway	8	0	0	0	1	0	5	1	0	1
Playing in Roadway	0	0	0	0	0	0	0	0	0	0
Lying in Roadway	5	0	0	0	0	0	3	1	1	0
Getting On or Off Vehicle in Roadway	9	0	2	0	1	2	2	2	0	0
Other Actions in Roadway	158	16	15	7	23	13	33	13	13	25
Not in Roadway	50	1	3	5	4	8	11	10	2	6
Actions Not Stated	58	3	7	4	8	7	10	4	3	12
Totals	**1,321**	**85**	**142**	**130**	**155**	**119**	**315**	**141**	**108**	**126**

Pedalcycle Accidents 1973 - 1983

YEARS	Number of Persons	
	Total Killed	Total Injured
1973	16	839
1974	18	919
1975	16	926
1976	17	956
1977	19	1016
1978	18	1076
1979	14	1197
1980	19	1377
1981	15	1370
1982	28	1291
1983	13	1,487



Property damage only accidents shown beginning as of 1983.

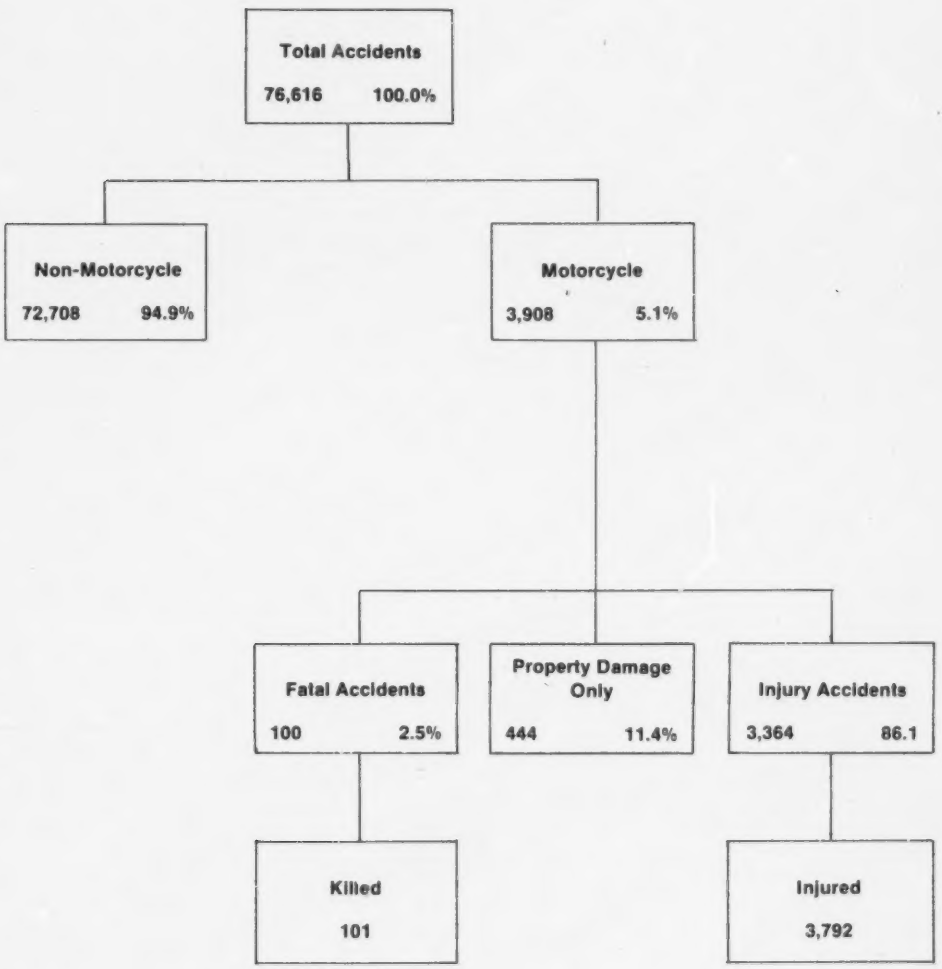
1983 Pedalcycle Accidents

STATEWIDE	Total	Urban	Rural
Number of Accidents	1,628	1,501	127
Persons Killed	13	11	2
Persons Injured	1,487	1,358	129
Property Damage Only	161	146	15

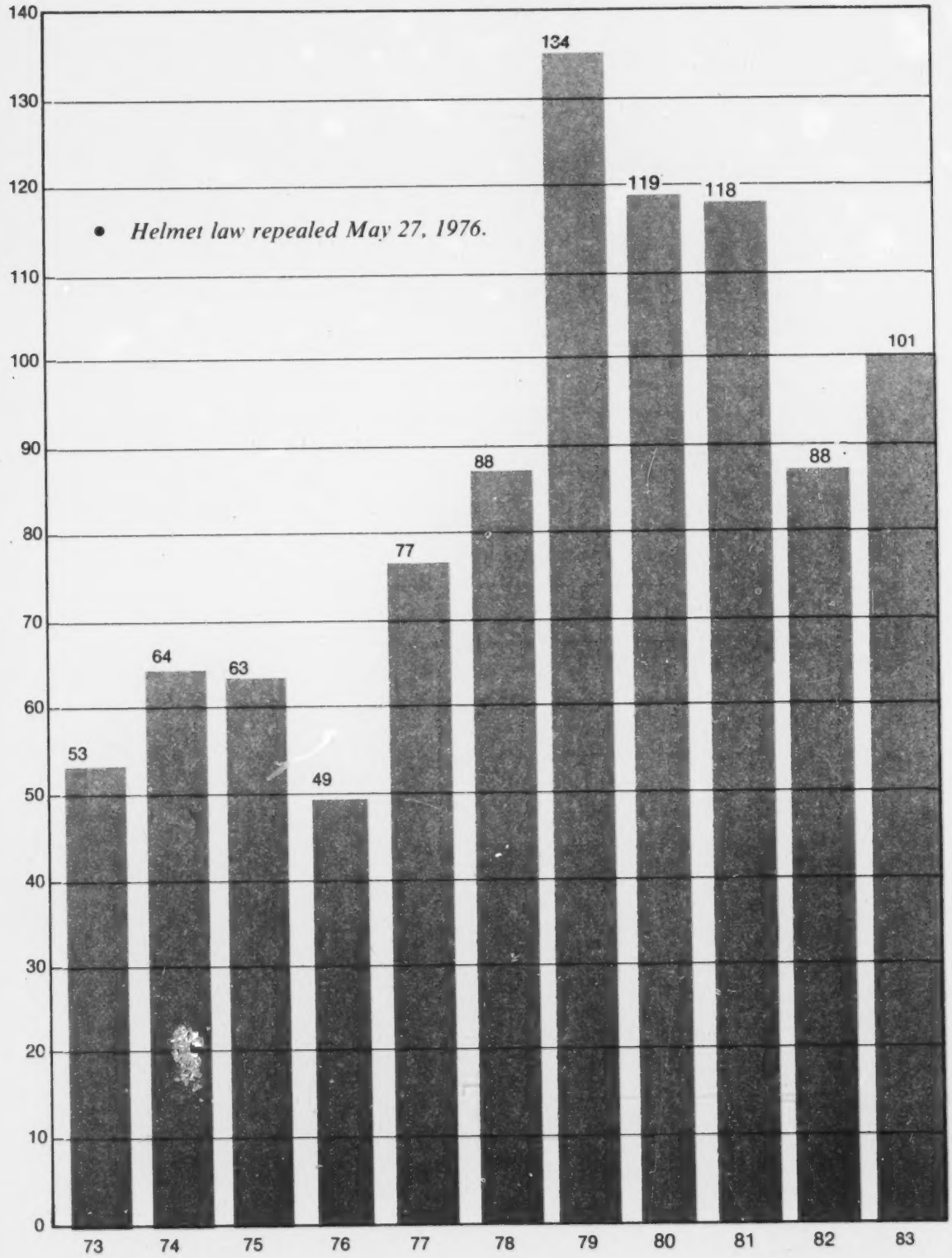
Sex and Age of Pedalcyclist Killed and Injured

Age Group	Persons Killed			Persons Injured			
	Total	Male	Female	Total	Male	Female	Not Stated
0-4	0	0	0	11	10	1	0
5-9	1	1	0	144	110	33	1
10-14	6	6	0	400	297	103	0
15-19	3	3	0	316	238	78	0
20-24	1	1	0	240	149	90	1
25-34	2	1	1	170	140	30	0
35-44	0	0	0	40	34	6	0
45-54	0	0	0	23	19	4	0
55-64	0	0	0	20	16	4	0
65-74	0	0	0	21	15	6	0
75 & Over	0	0	0	8	7	1	0
Age Not Stated	0	0	0	94	72	20	2
Totals	**13**	**12**	**1**	**1,487**	**1,107**	**376**	**4**

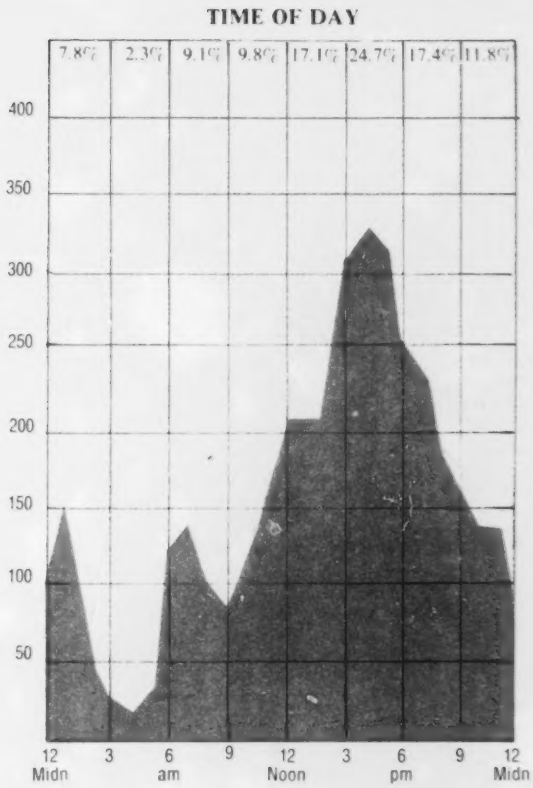
Motorcycle Accidents

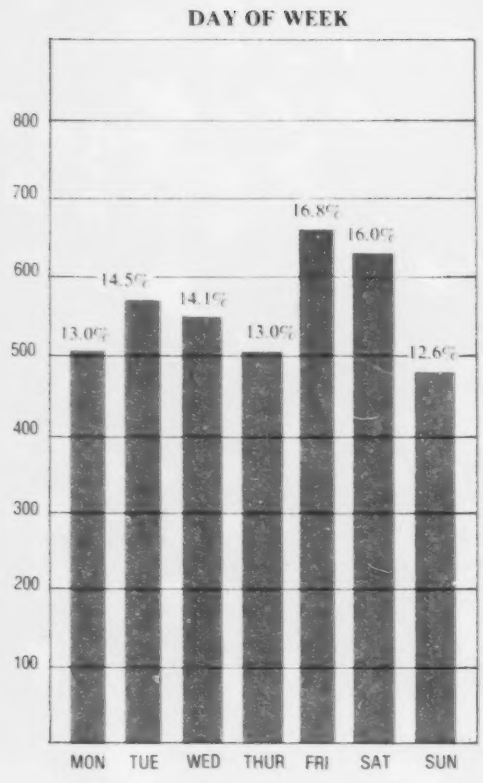


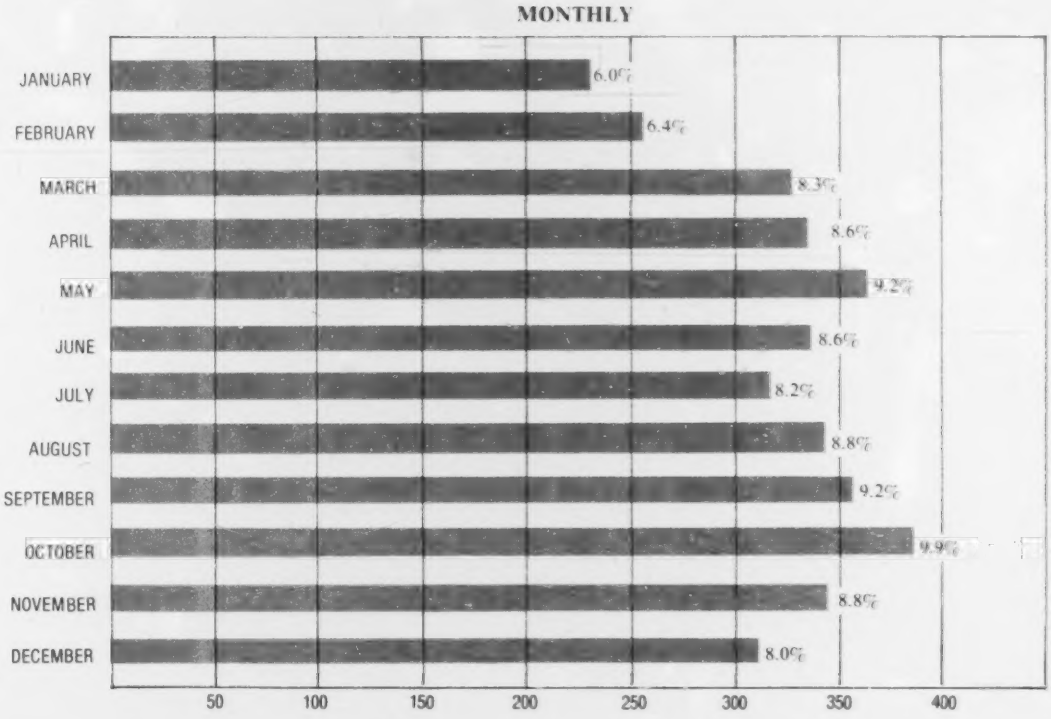
Motorcycle Fatalities
1973 - 1983



Total Accidents Involving Motorcycles







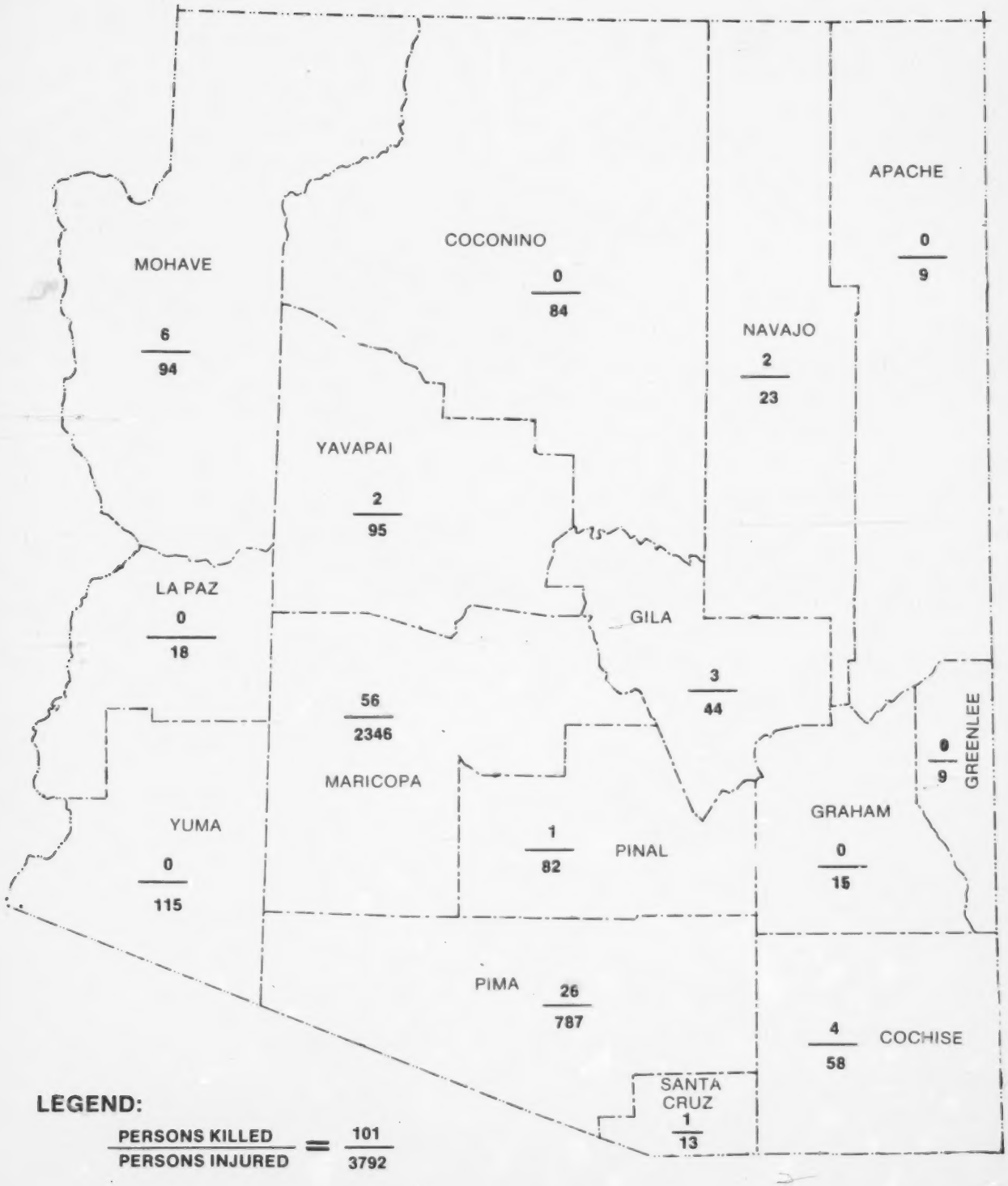
Motorcycle Drivers Involved in Accidents

AGE OF DRIVER	Number of Drivers	Percent of Total	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
15 & Younger	86	2.2	2	72
16	49	1.2	2	38
17	114	2.9	2	97
18-19	509	12.9	14	449
20-24	1,180	29.8	28	1,033
25-34	1,301	32.8	43	1,129
35-44	366	9.2	9	312
45-54	131	3.3	1	121
55-64	65	1.6	2	59
65-74	39	1.0	0	37
75 & Older	8	.2	0	8
Not Stated	113	2.9	2	52
Totals	**3,961**	**100%**	**105**	**3,407**

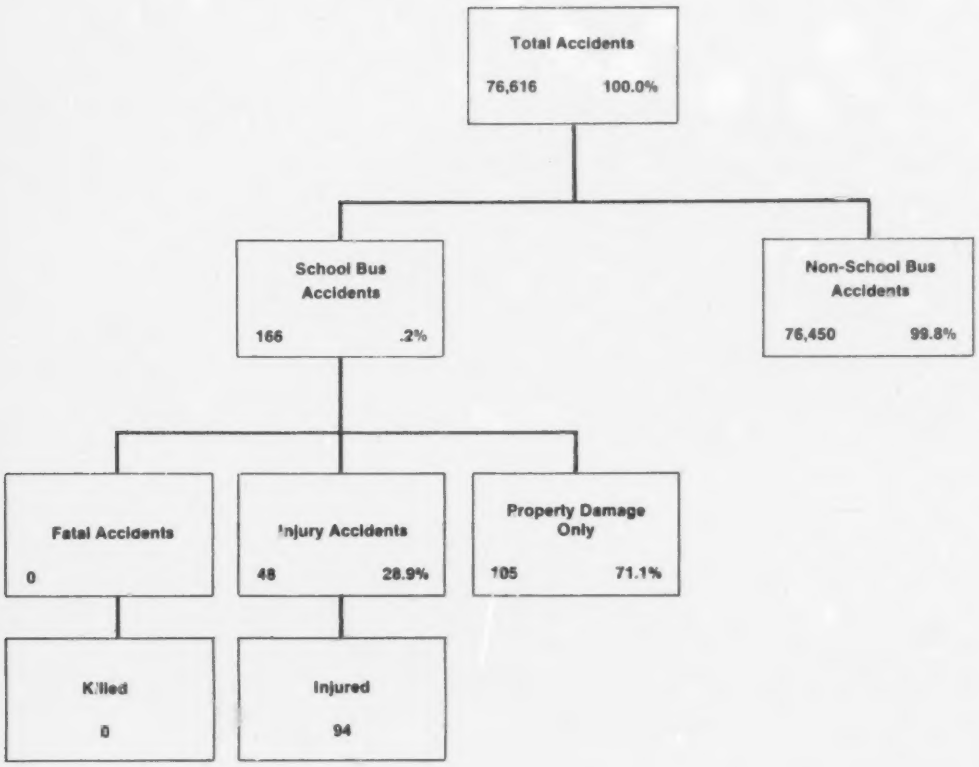
SEX OF DRIVER	Number of Drivers	Number of Drivers in Fatal Accidents	Number of Drivers in Nonfatal Injury Accidents
Male	3,732	102	3,243
Female	170	3	152
Not Reported	59	0	12
Totals	**3,961**	**105**	**3,407**

TYPE OF MOTOR VEHICLE ACCIDENT	Total	Fatal	Non-Fatal Injury	Property Damage
Overturning	7	0	7	0
Other Non-collision	1,008	13	933	62
Pedestrian	29	4	25	0
Motor Vehicle in Transport	2,372	70	1,984	318
Motor Vehicle on Other Rdwy	2	0	2	0
Parked Motor Vehicle	76	1	43	32
Railway Train	1	0	1	0
Pedalcyclist	31	0	31	0
Animal	43	0	36	7
Fixed Object	314	12	282	20
Other Object	25	0	20	5
Totals	**3,908**	**100**	**3,364**	**444**

Fatalities and Injuries in Accidents Involving Motorcycles

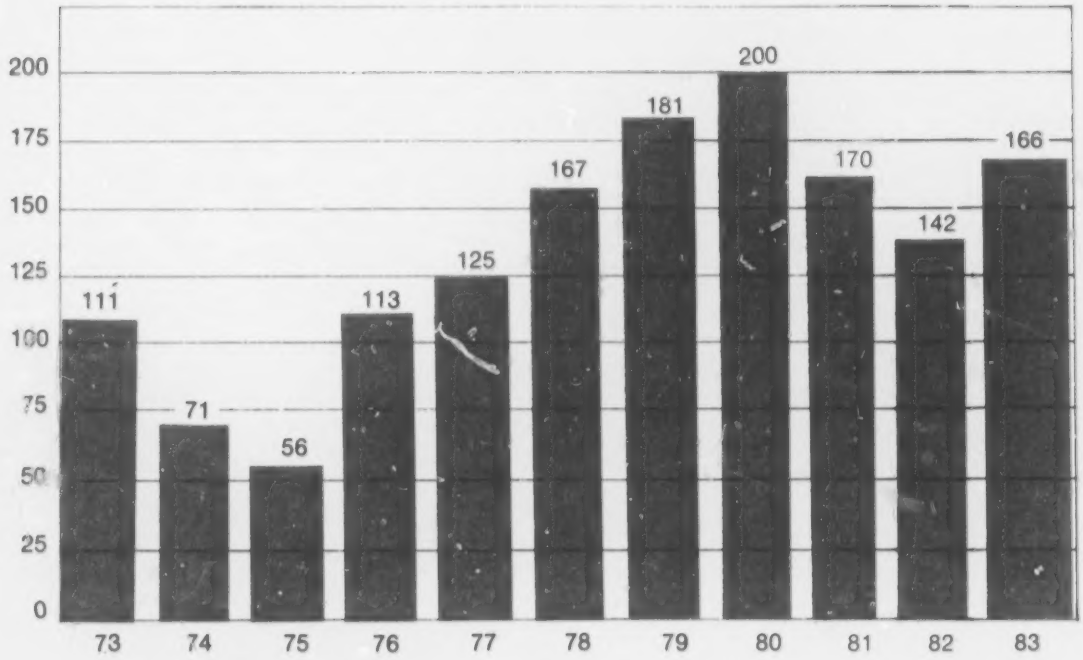


School Bus Accidents

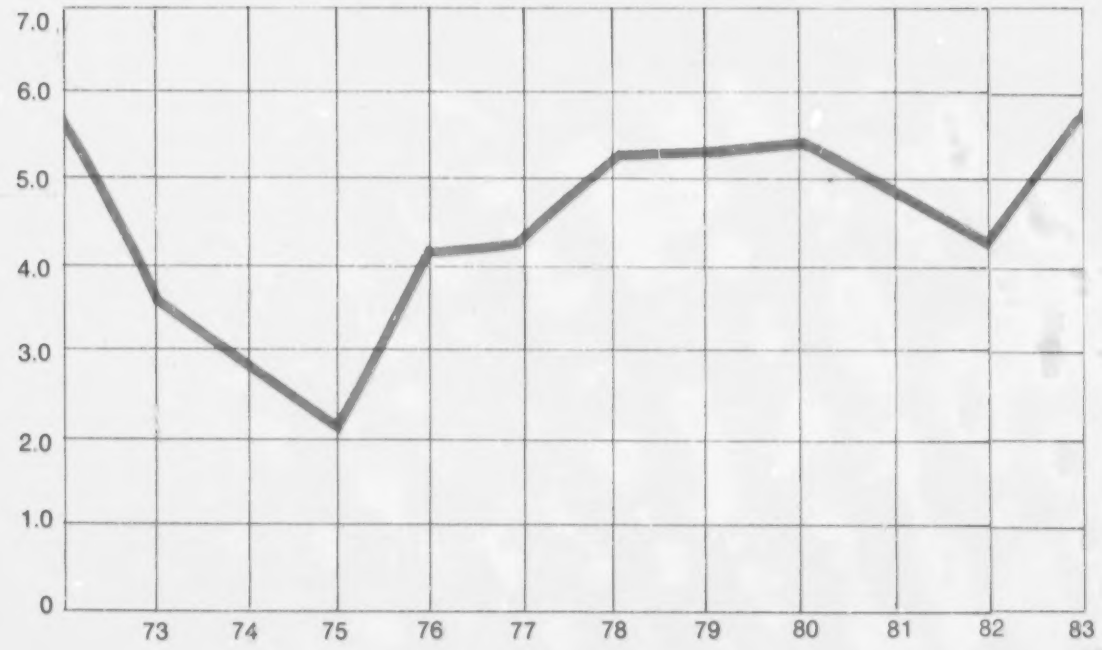


43 SCHOOL BUS

School Bus Accidents 1973 - 1983



School Bus Accidents/1,000,000 Vehicle Miles



State of Arizona
School Bus Statistics
1976 - 1983

	1976	1977	1978	1979	1980	1981	1982	1983
Number of Public School Buses	2,092	2,322	2,386	2,531	2,592	2,699	2,839	3,269
Number of Private and Parochial Buses	131	140	124	159	132	168	135	122
Number of Contracted Buses	112	112	108	128	129	136	68	68
Total Number of School Buses	2,335	2,574	2,618	2,818	2,853	3,003	3,042	3,459
Total Miles Driven (Millions)	25.5	27.3	29.3	31.6	34.1	32.8	32.2	27.9
Public School Pupils Transported Daily	177,340	165,439	167,477	173,771	177,065	174,581	183,243	197,246
Private and Parochial Pupils Transported Daily	6,780	7,407	7,350	10,907	8,978	10,800	N/A	N/A
Total Number of School Bus Accidents	113	125	167	181	200	170	142	166
Pupil Passengers								
Killed	0	0	0	0	0	0	0	0
Injured	22	3	14	3	66	0	45	32
Bus Drivers:								
Killed	0	0	0	0	0	1	0	0
Injured	3	0	0	0	5	24	6	15
Others:								
Killed	1	3	2	1	2	0	1	0
Injured	26	6	8	12	33	6	46	47
Property Damage Only:								
Accidents	80	116	152	173	149	113	105	118
School Bus Drivers Involved:								
Male	71	68	100	82	98	92	74	92
Female	42	56	67	97	101	83	68	75
Accident Time of Day:								
A.M.	48	57	74	78	84	67	74	79
P.M.	65	68	93	103	116	103	68	87
Vehicles Involved:								
Automobiles	69	83	103	118	123	112	91	103
Trucks (Including Pick-Ups)	24	26	44	30	62	43	37	42
Parked Vehicles	7	4	7	10	11	11	7	11
Other	13	10	13	6	13	10	3	11
Accident Location:								
Interstate Highway	2	3	4	2	4	5	2	6
State Highway	10	13	15	18	19	15	1	15
County Road	24	26	16	28	42	32	17	22
City Street	69	81	130	133	136	114	110	120
Other	2	2	0	0	0	4	4	3
Weather Conditions:								
Clear and Dry	103	116	141	159	156	143	103	130
Rain	7	6	16	12	12	15	6	11
Snow or Ice	3	2	8	10	3	2	2	4
Dust	0	1	1	0	1	0	0	0
Fog	0	0	1	0	0	0	0	1
Cloudy	...	...	...	...	...	...	31	20

*School bus accident for statistical purposes is one in which the school bus is directly involved.